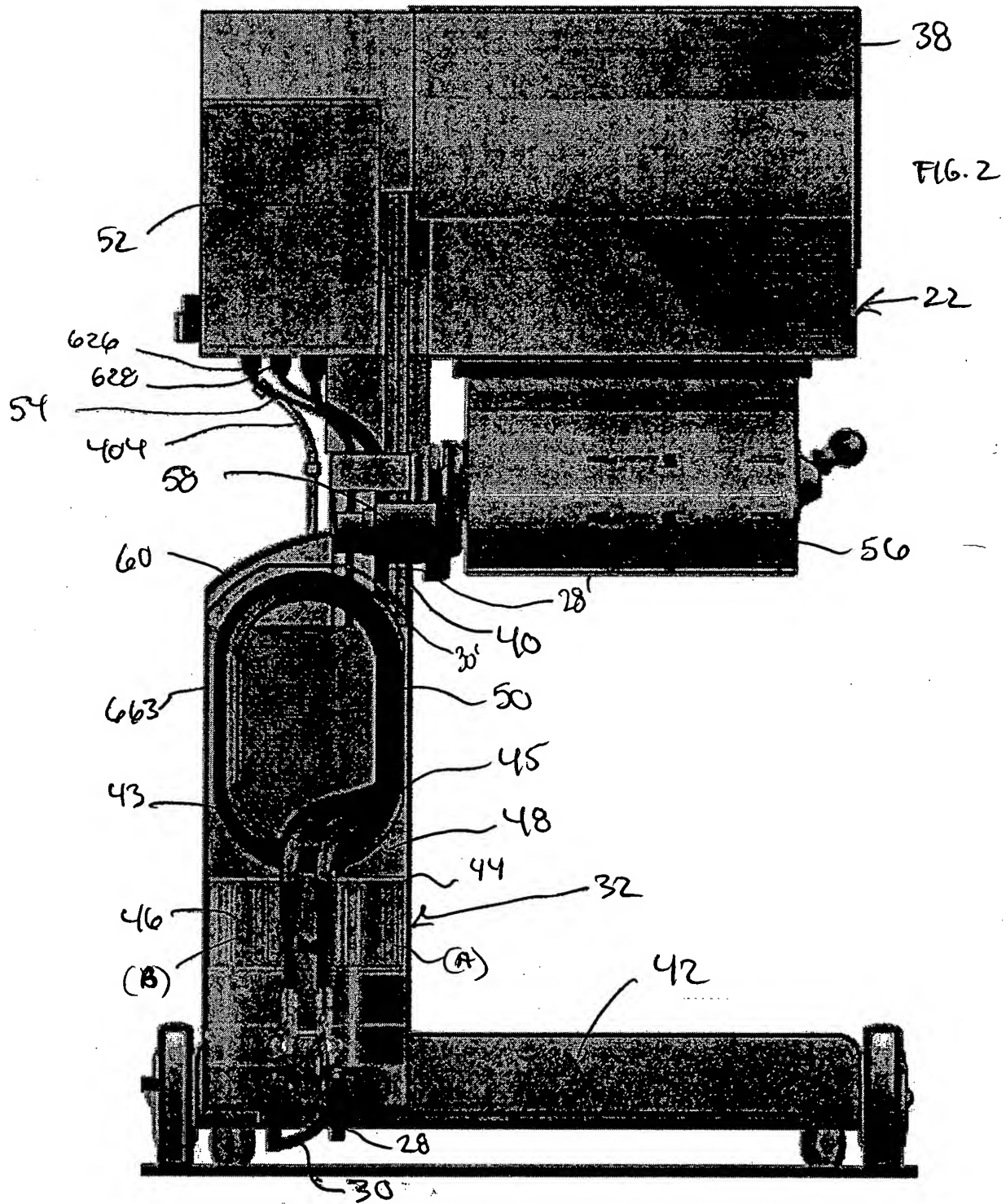


Fig. 1



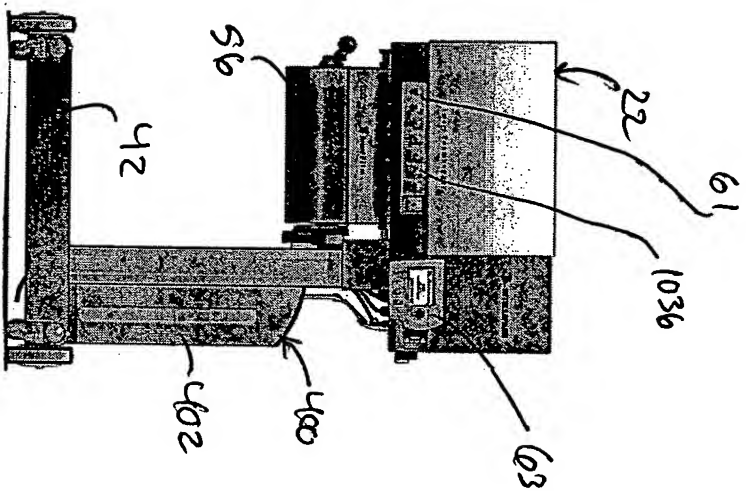
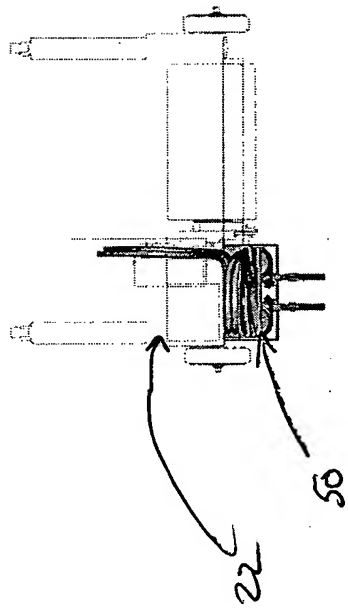


FIG. 3

FIG. 4





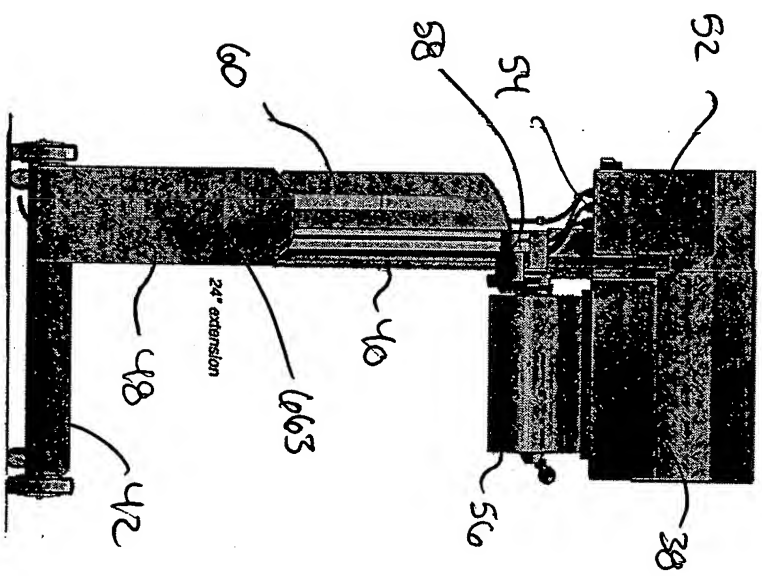


FIG. 5

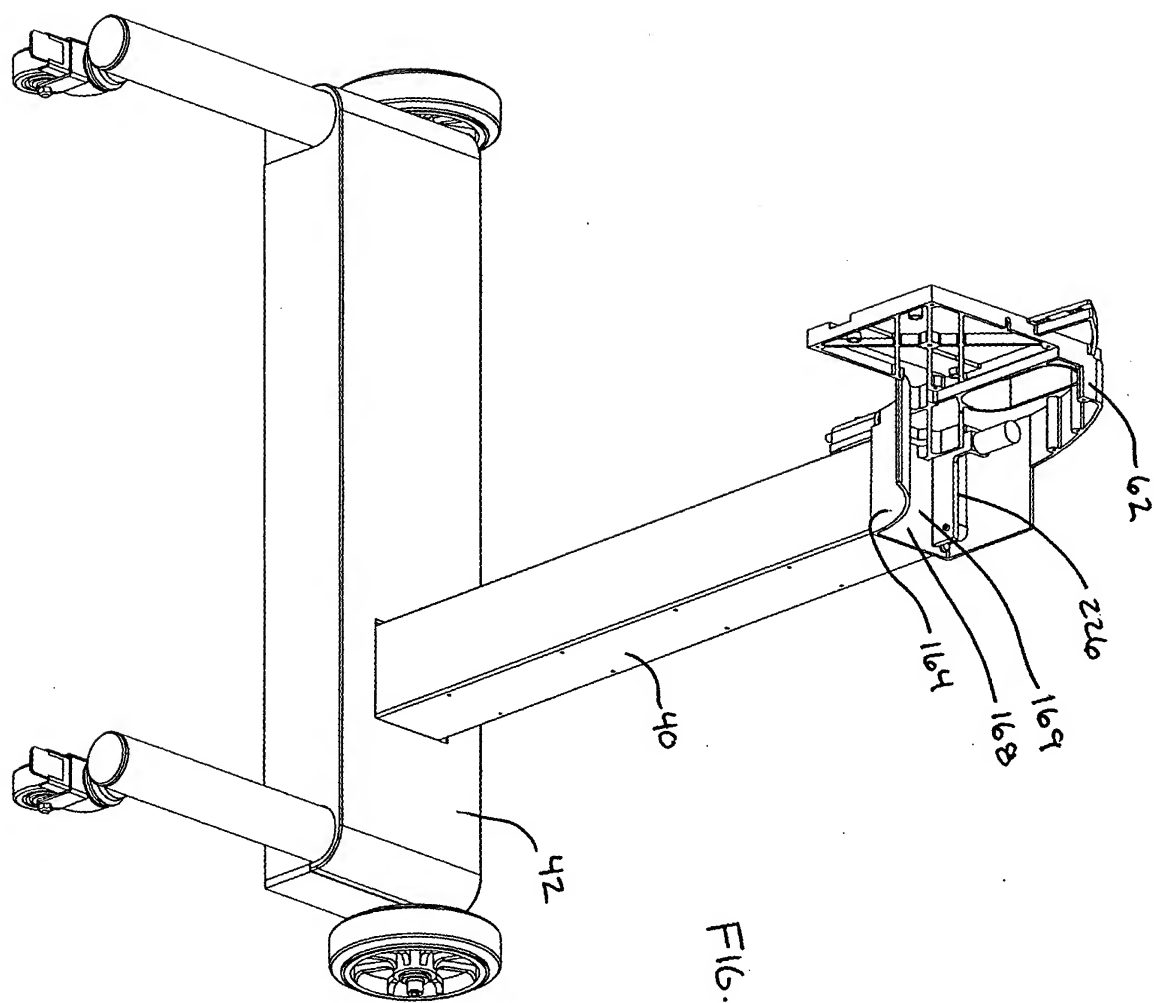


FIG. 6

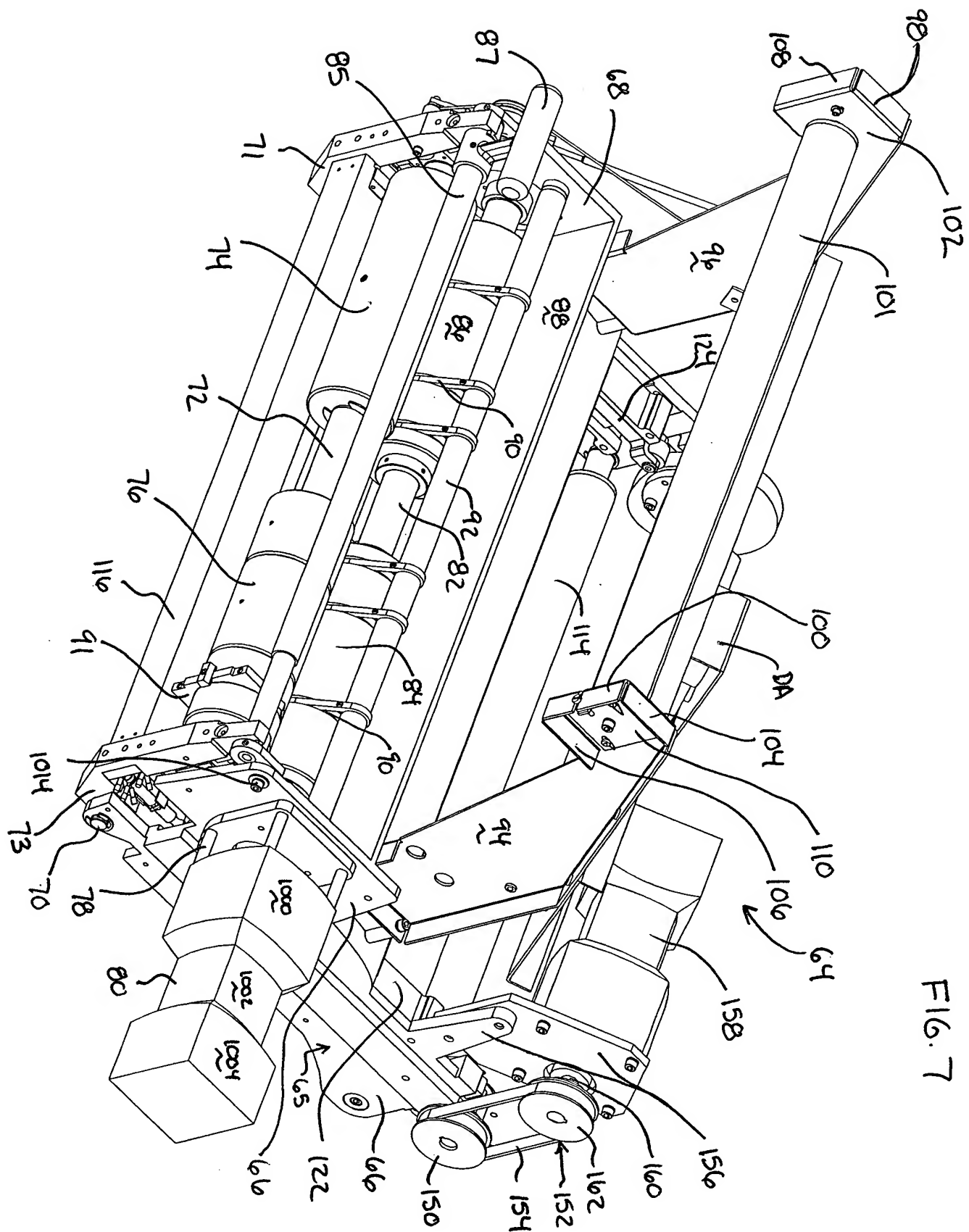


FIG. 7

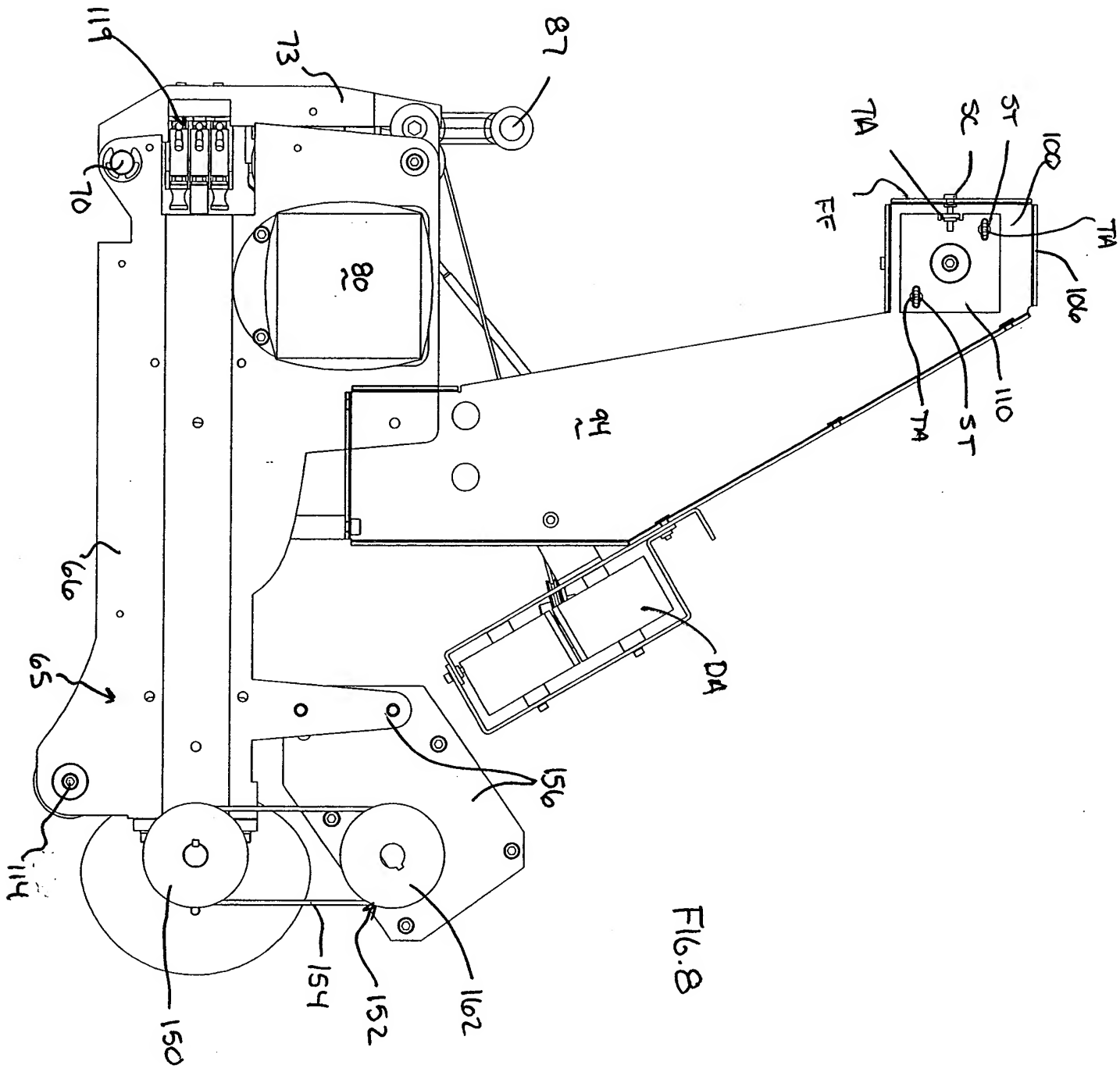
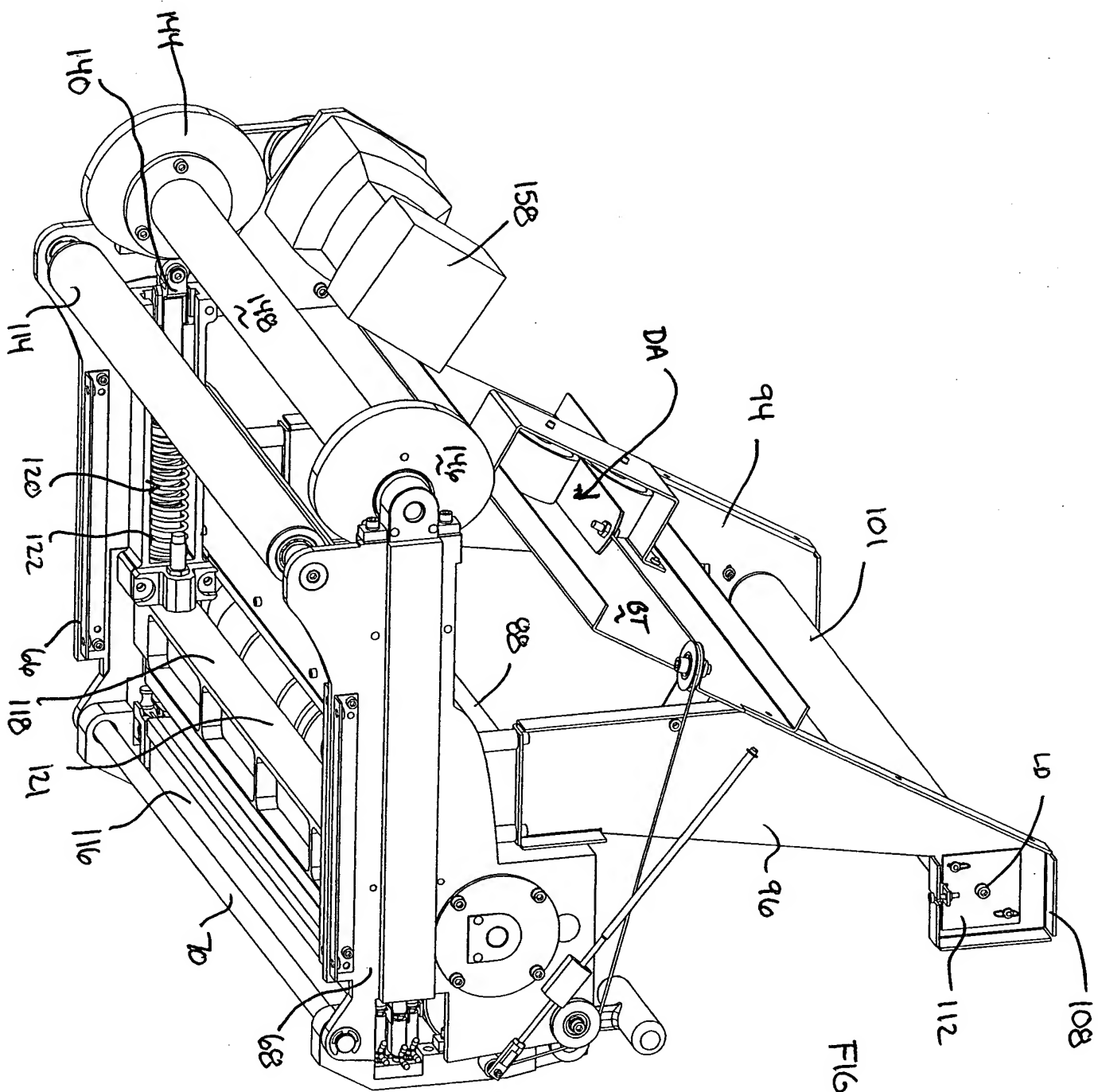
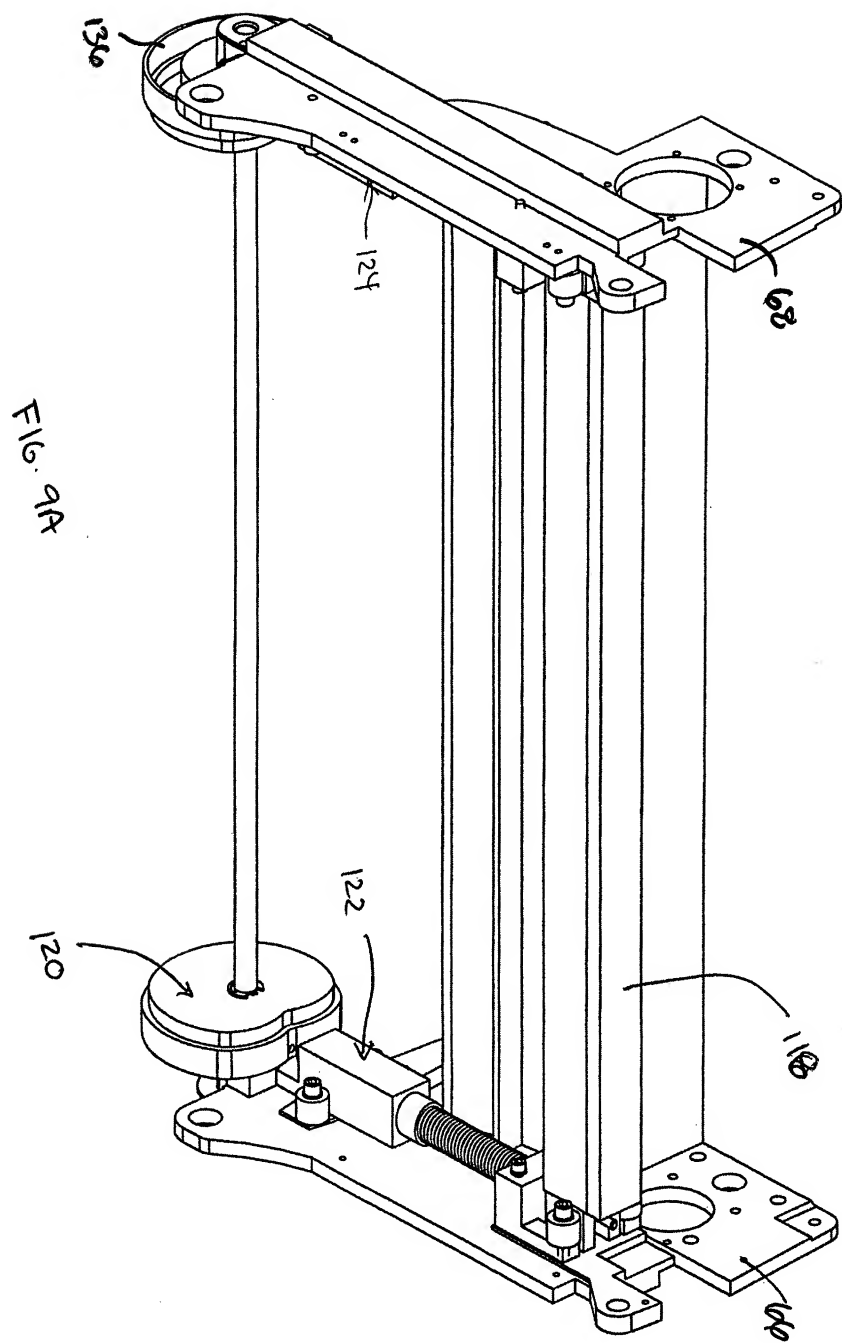
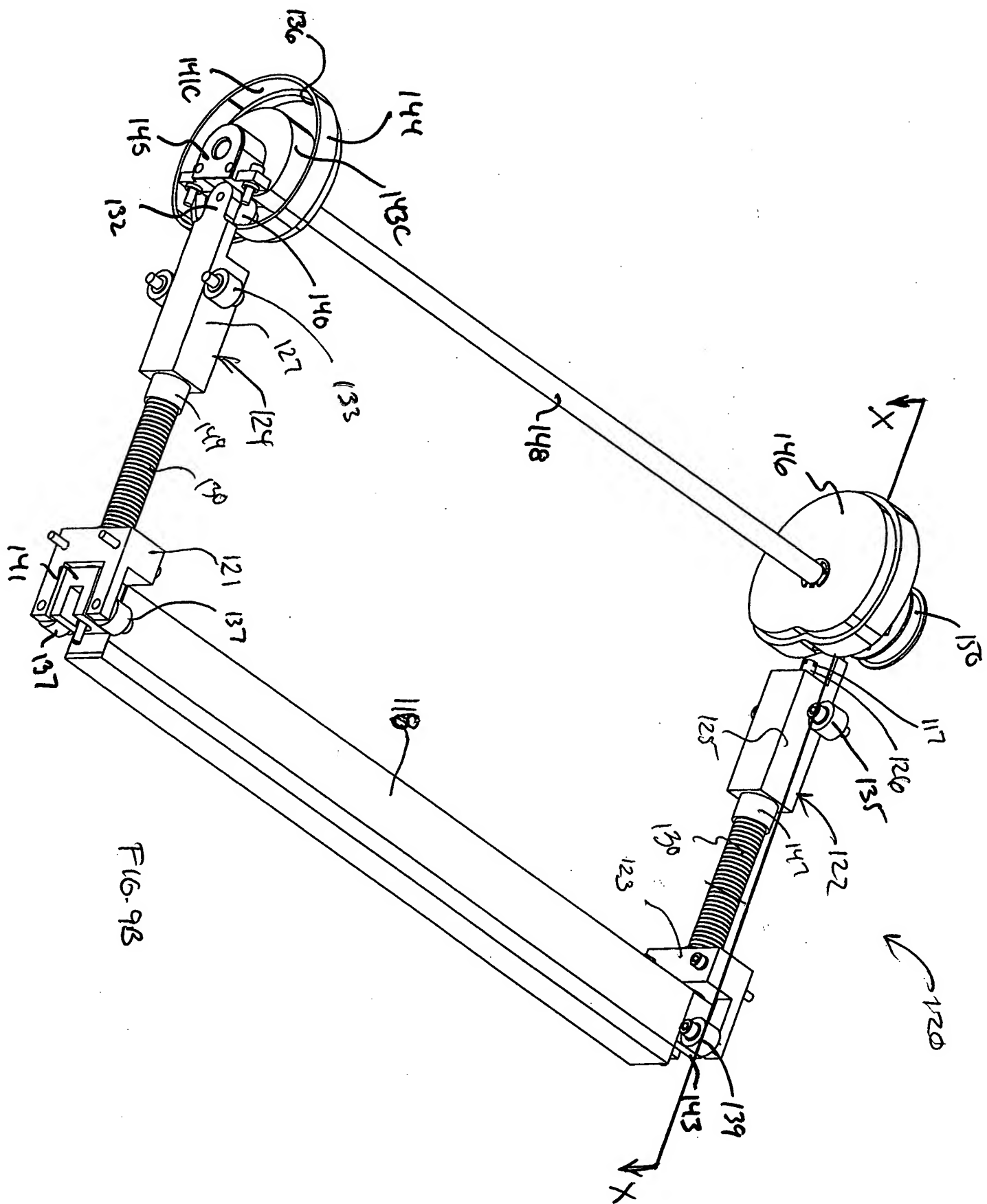
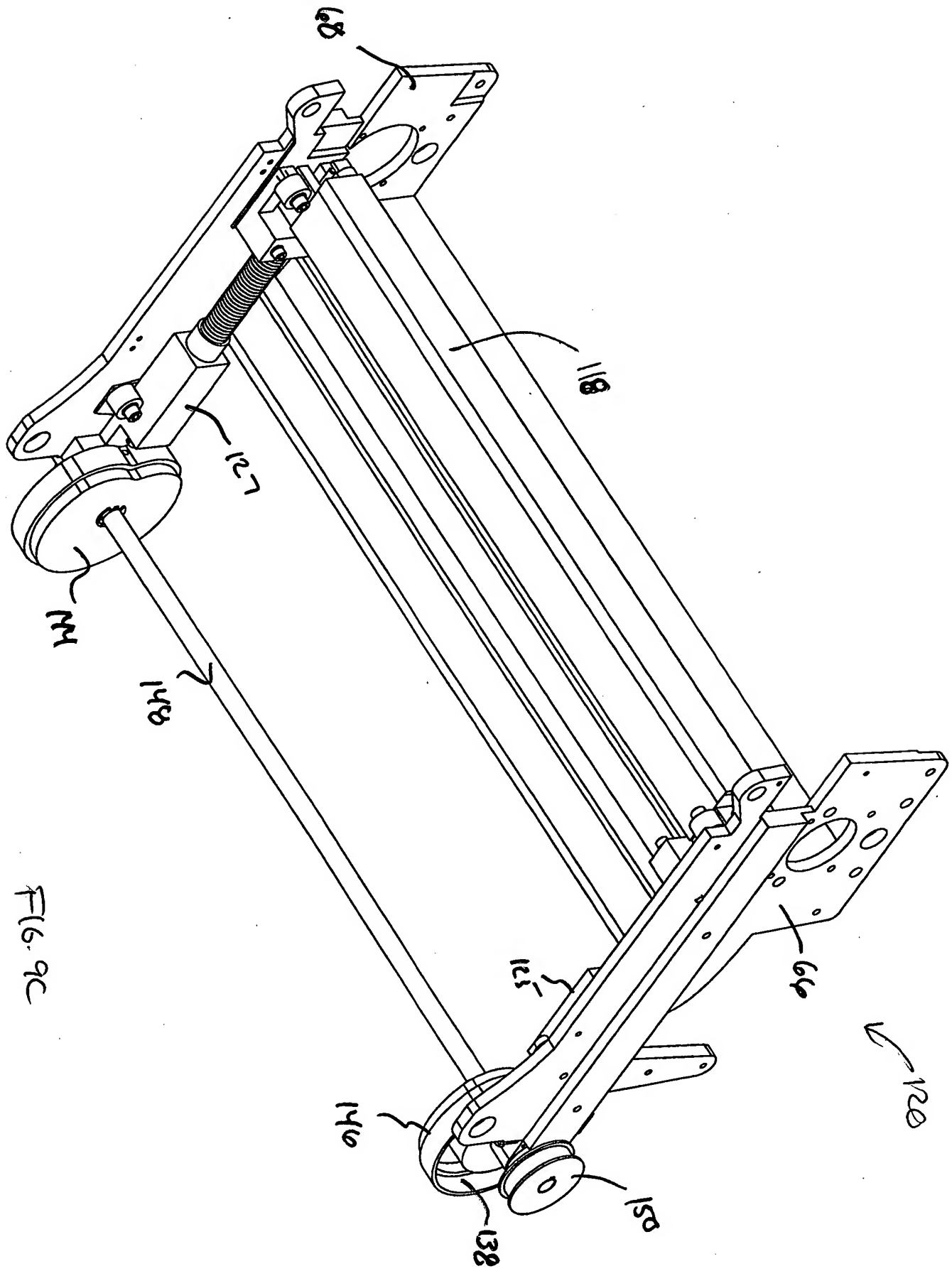


FIG. 8









F16.9C



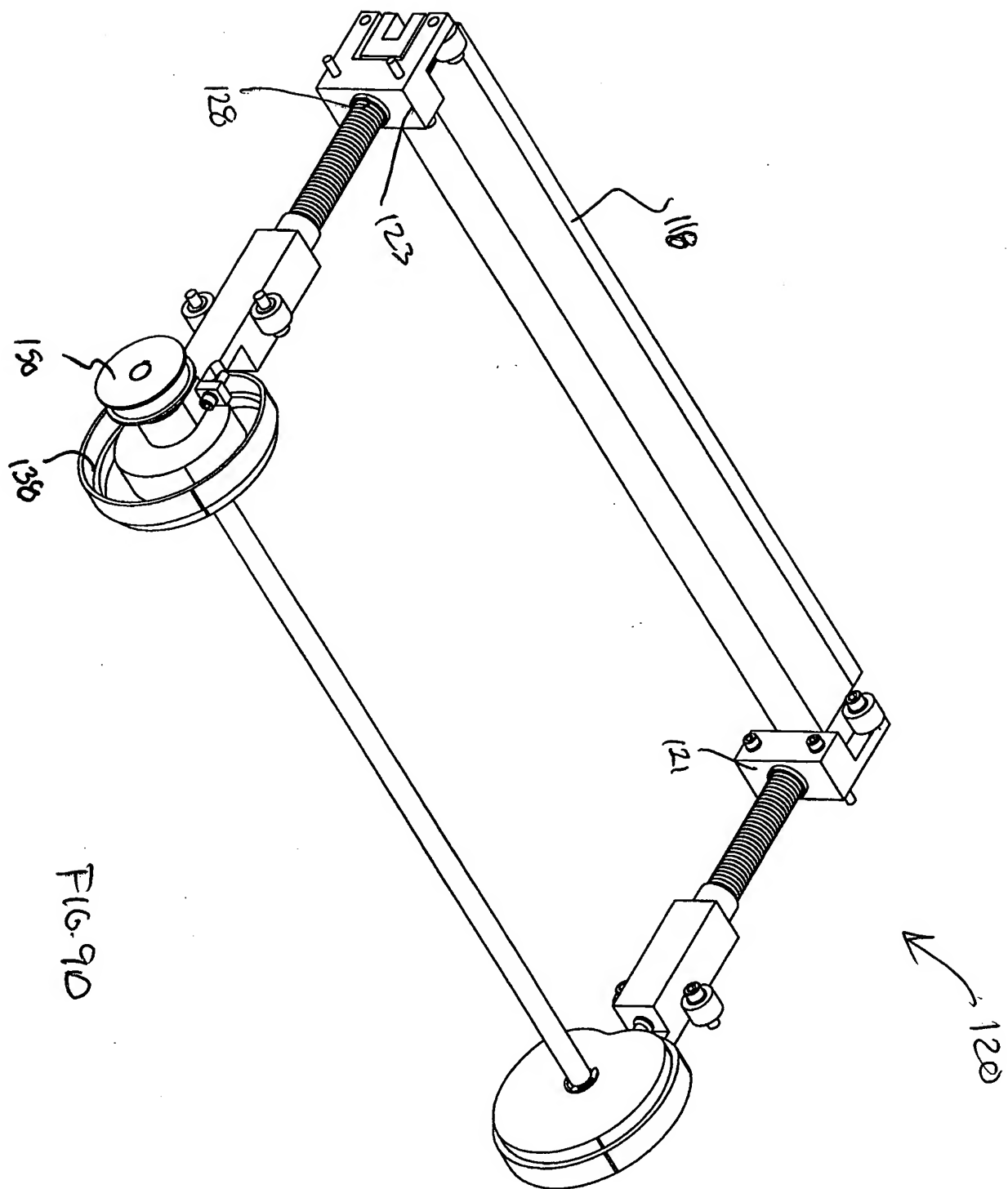
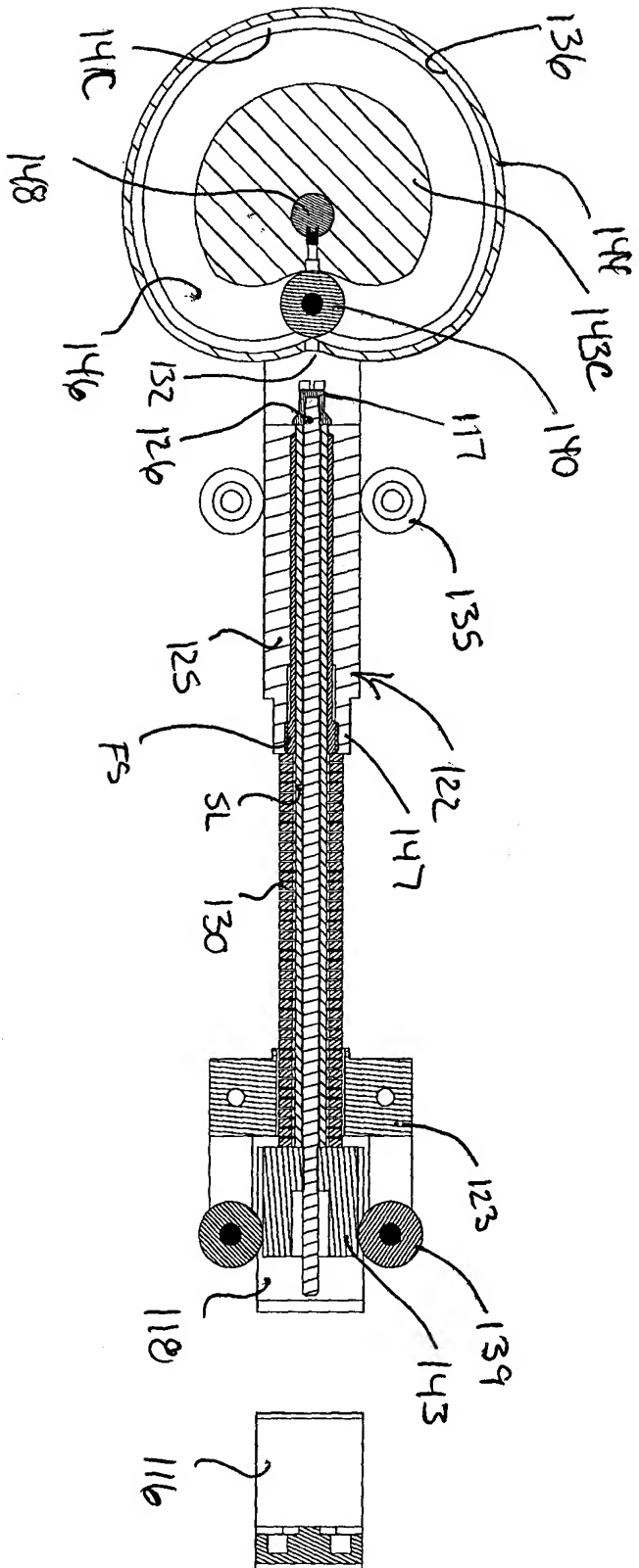


FIG. 9D

FIG. 9E



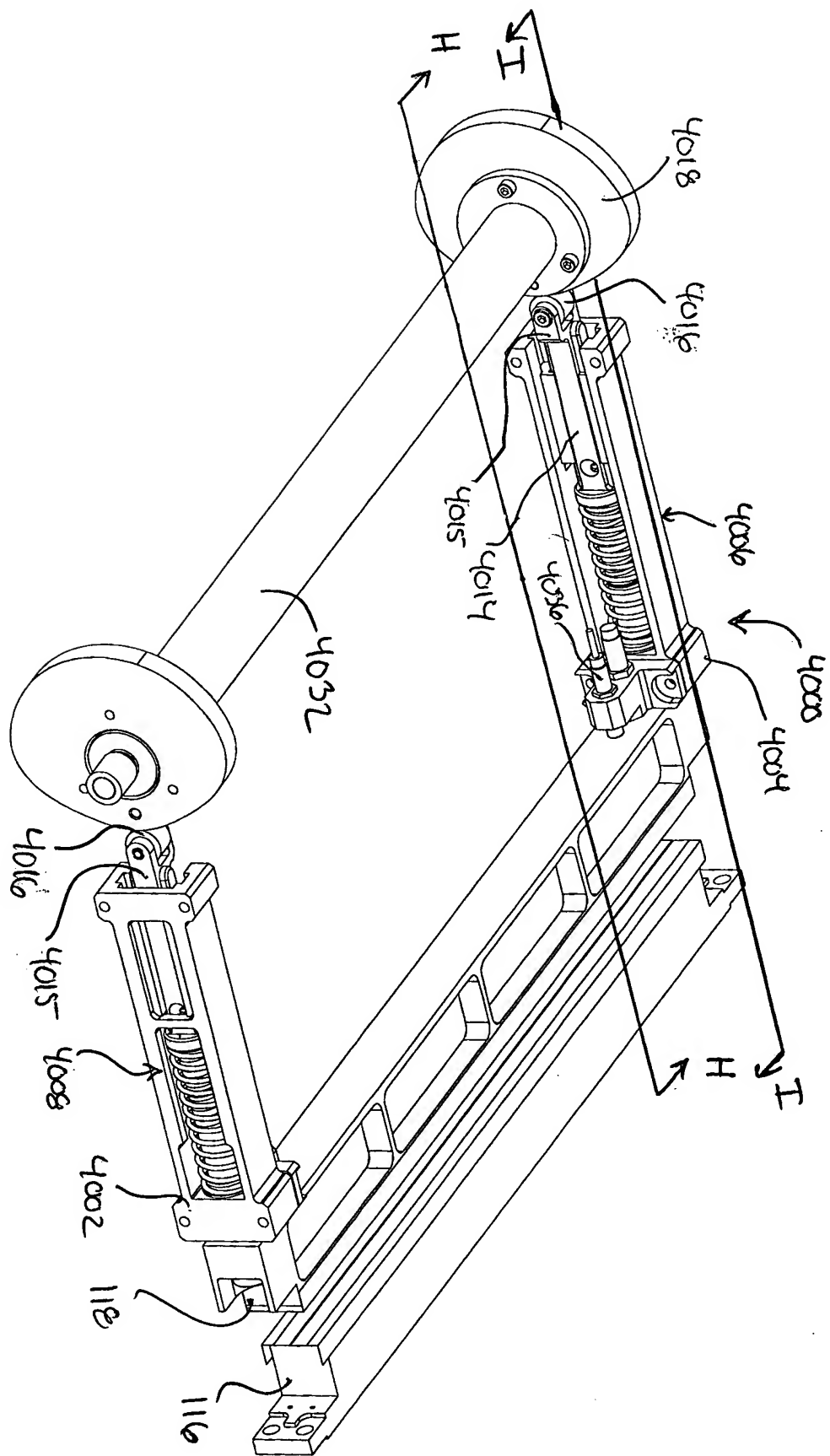
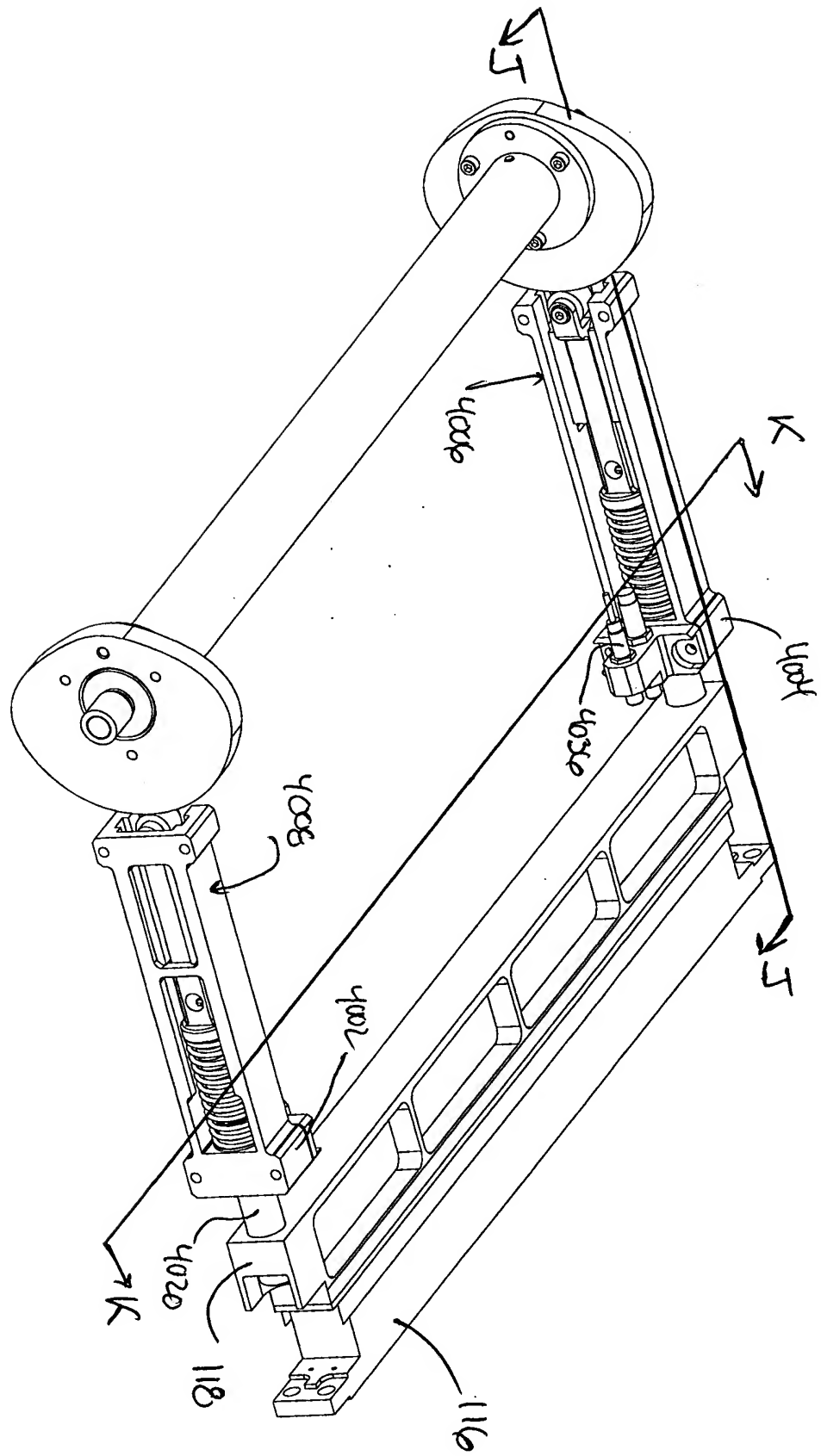


FIG. 9F

FIG. 9C



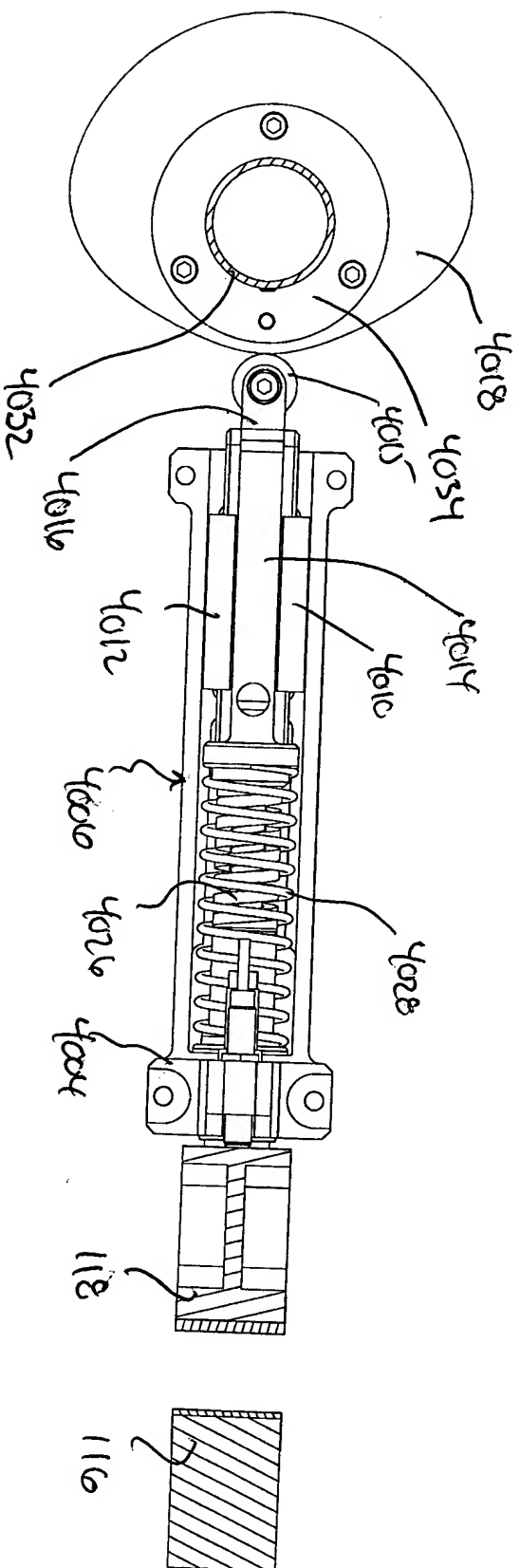


FIG. 9H

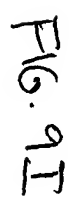


Fig. 91

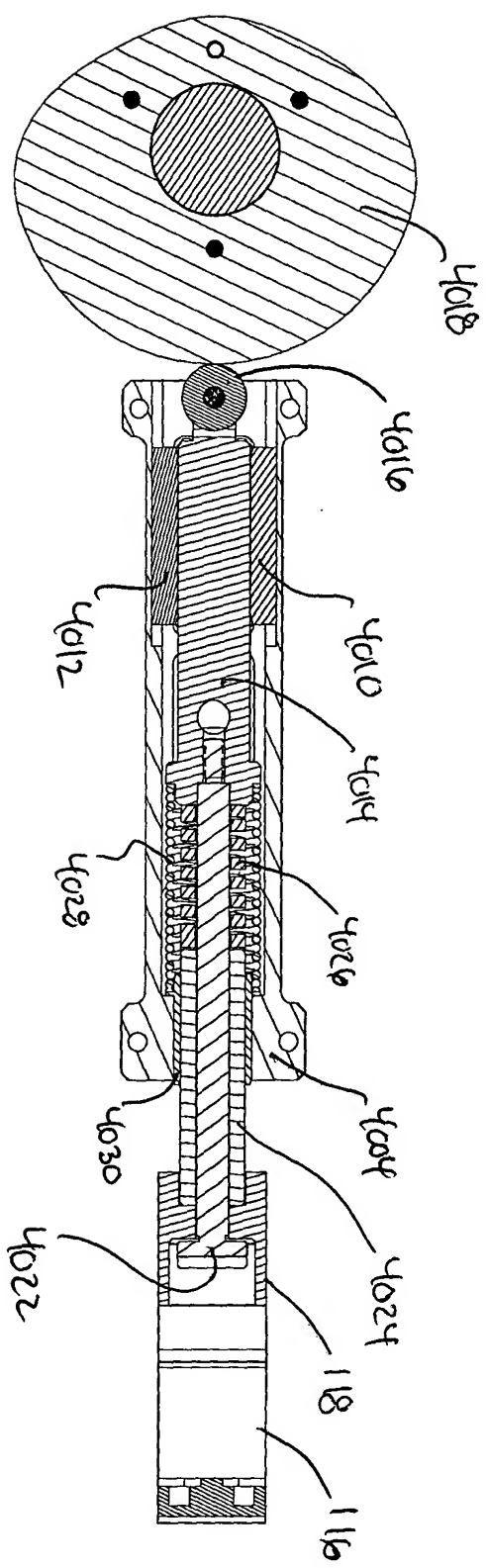
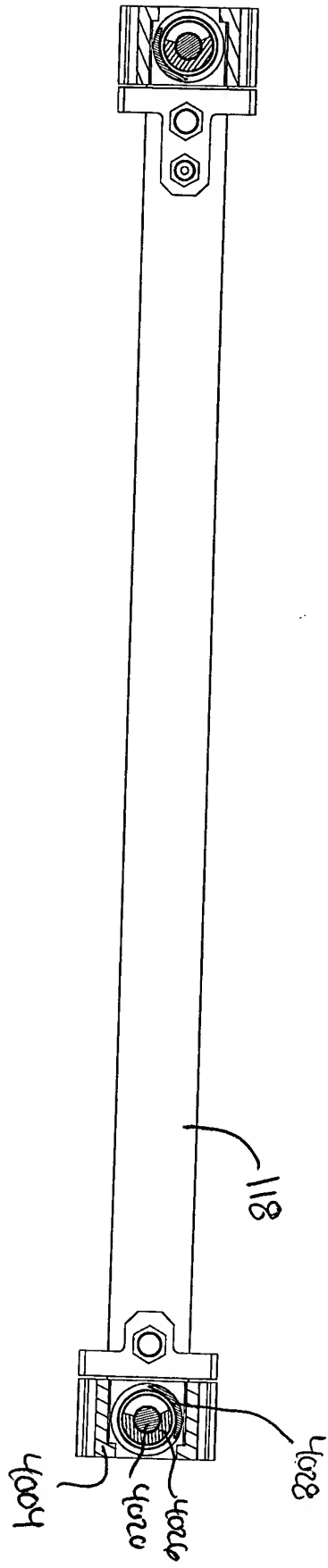


FIG. 95

FIG. 9K





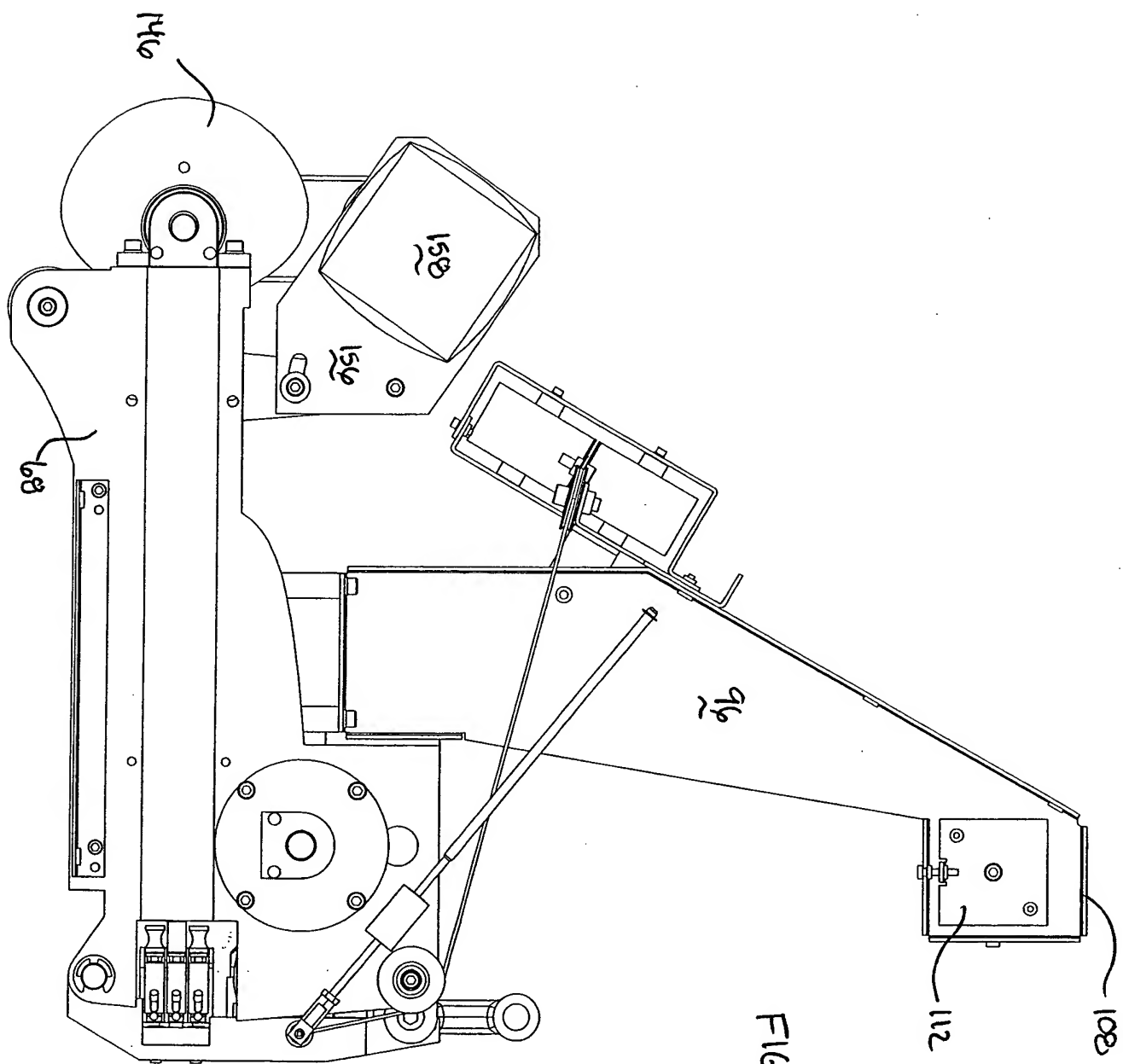
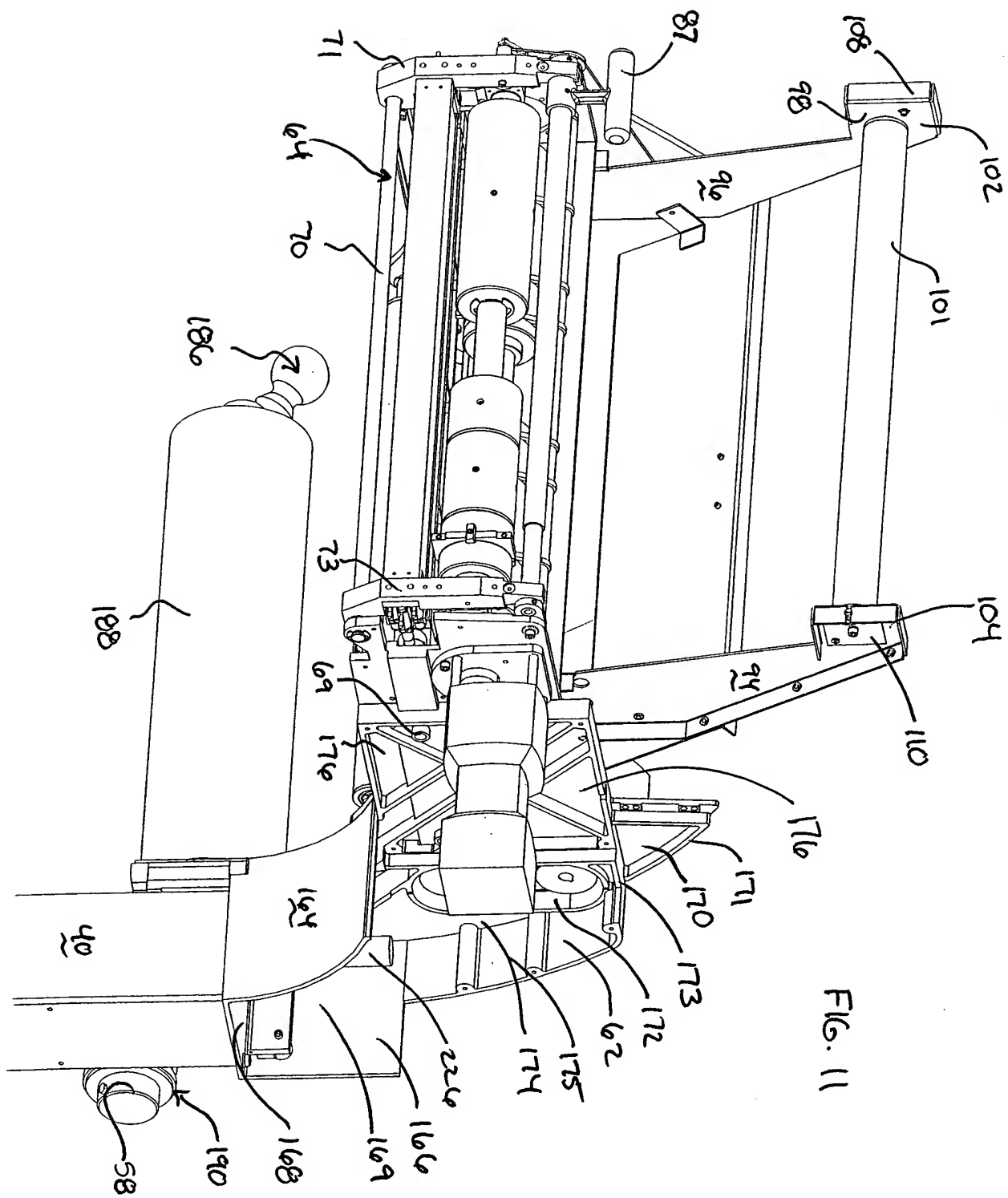
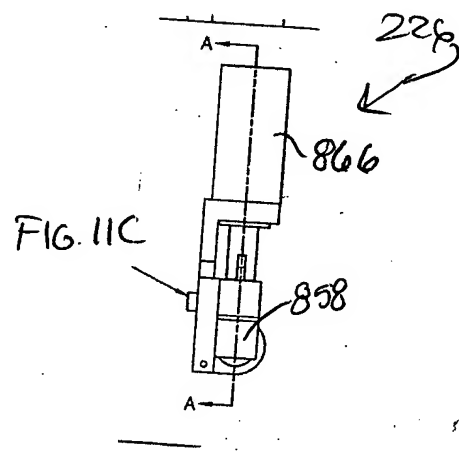
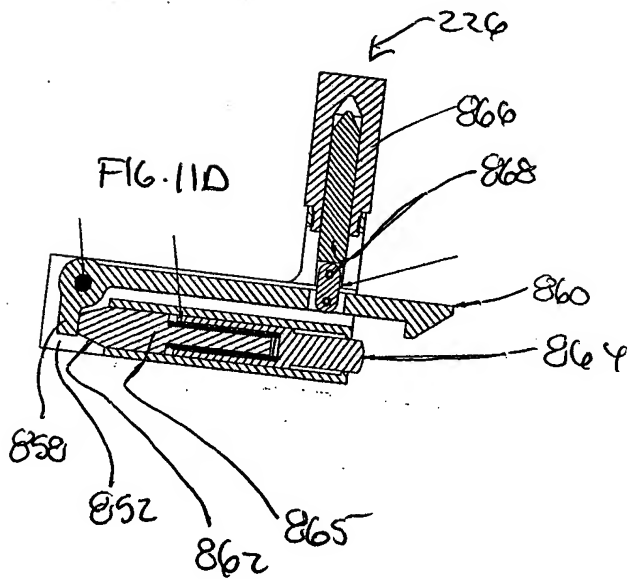
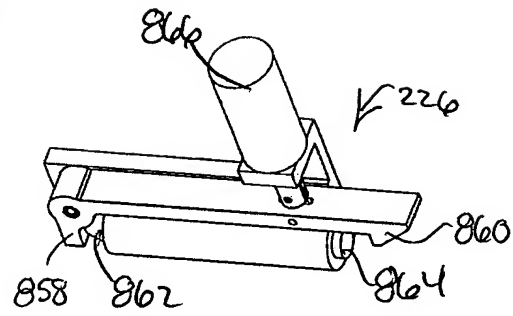
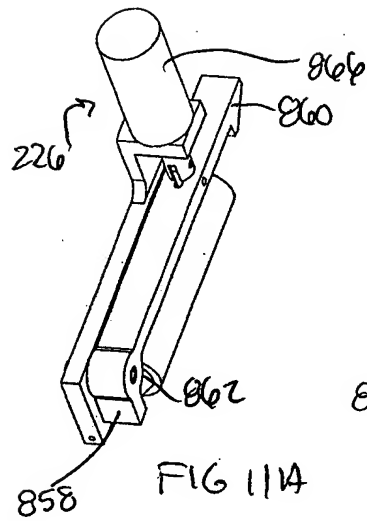
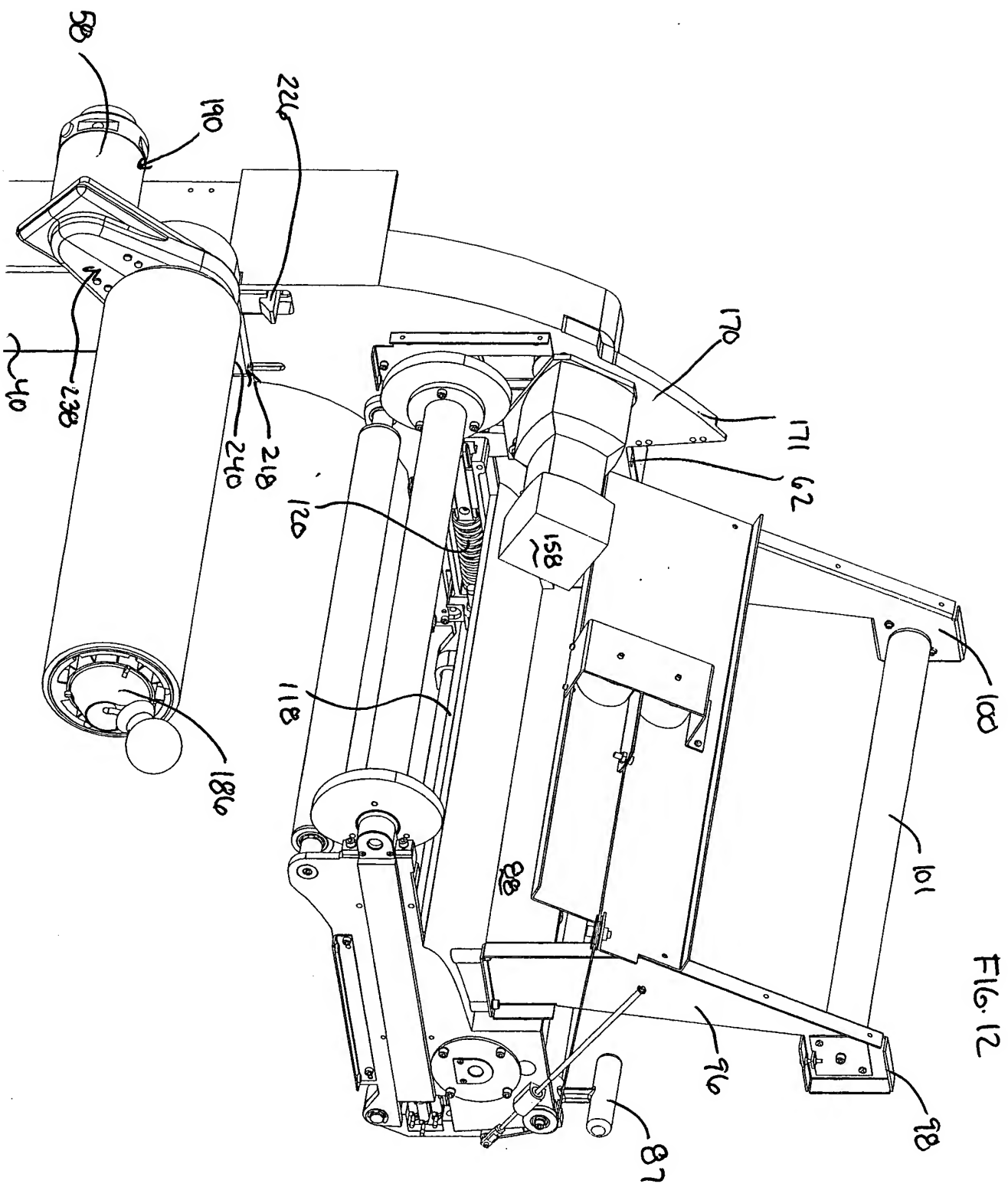
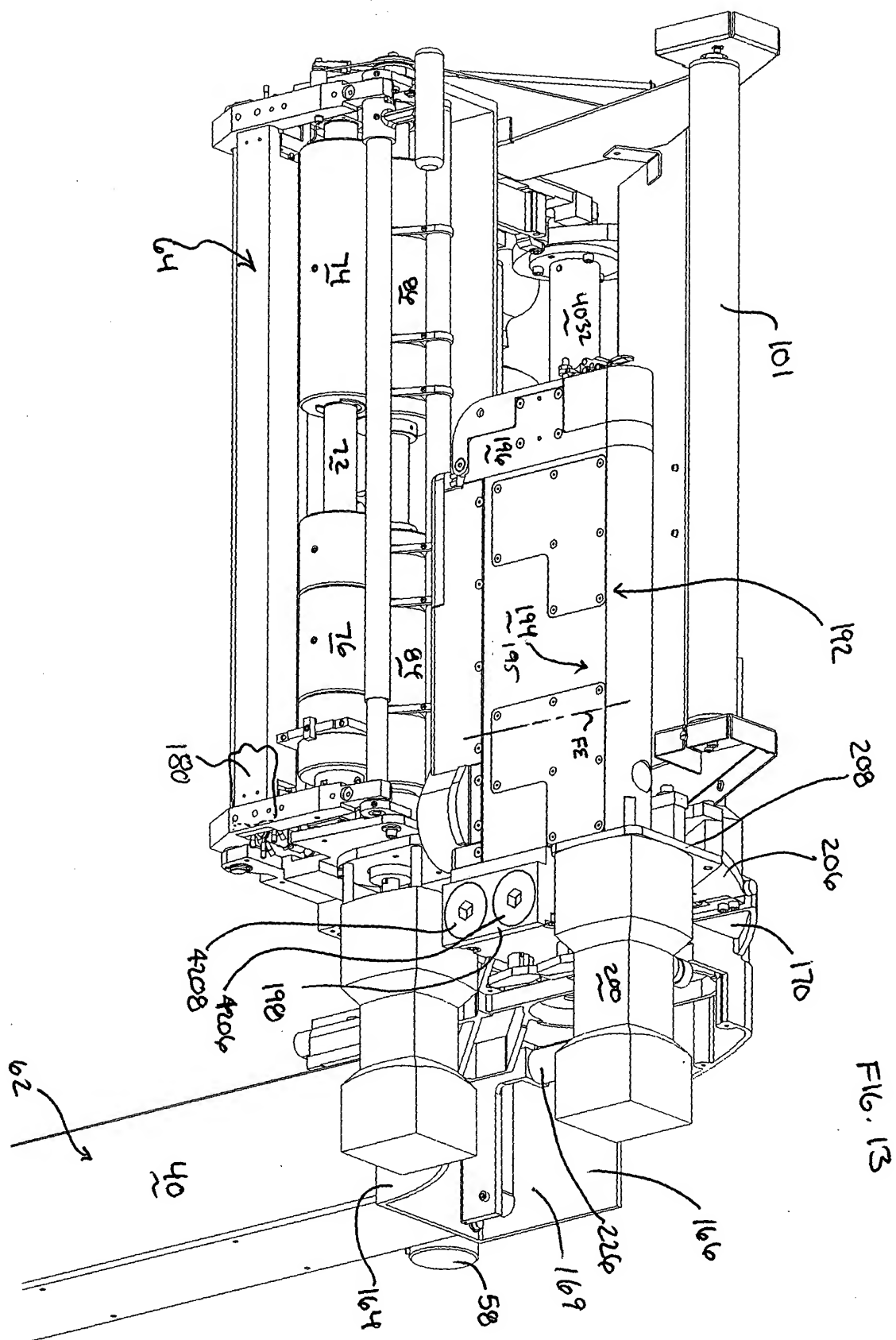


FIG. 10









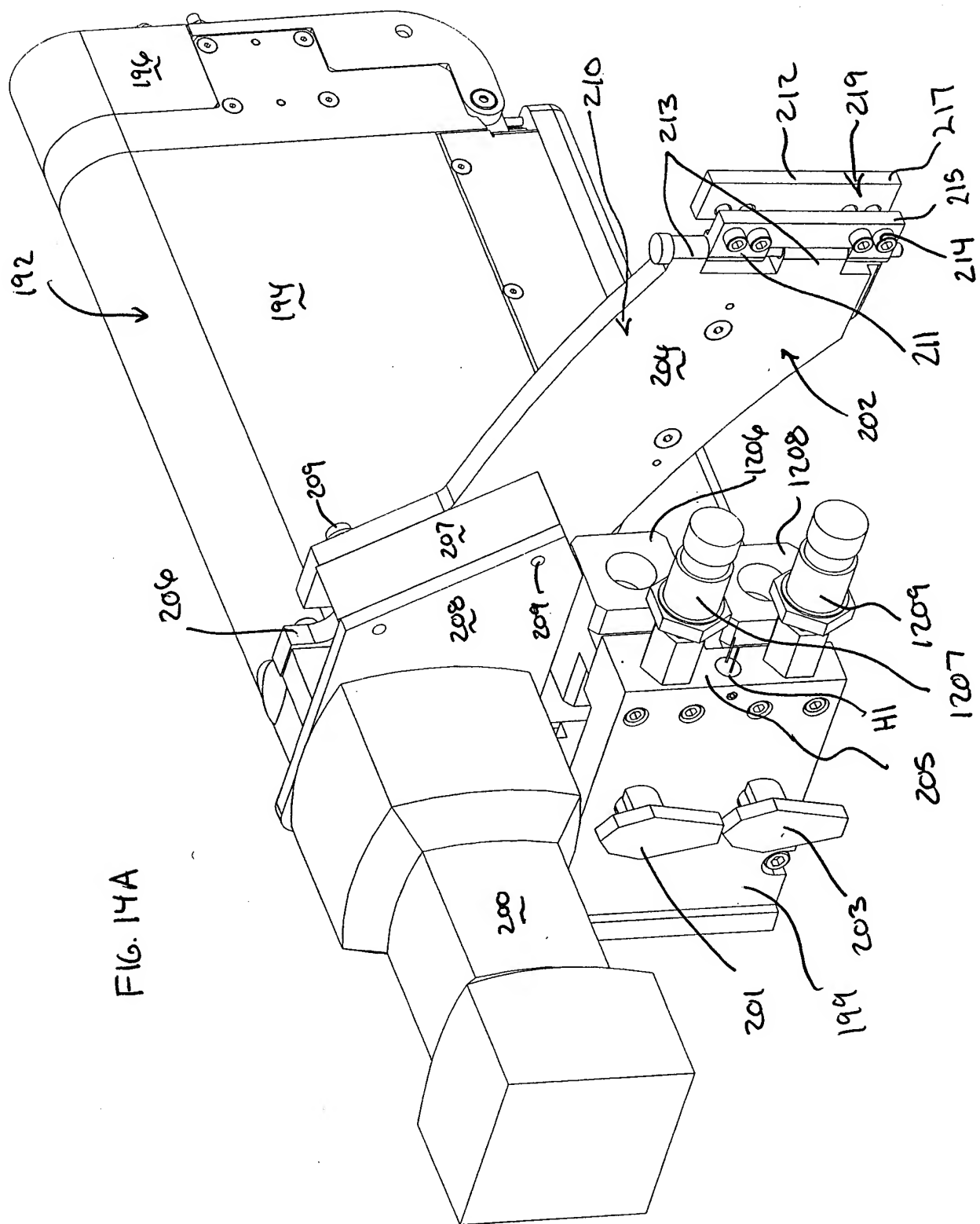


FIG. 14A

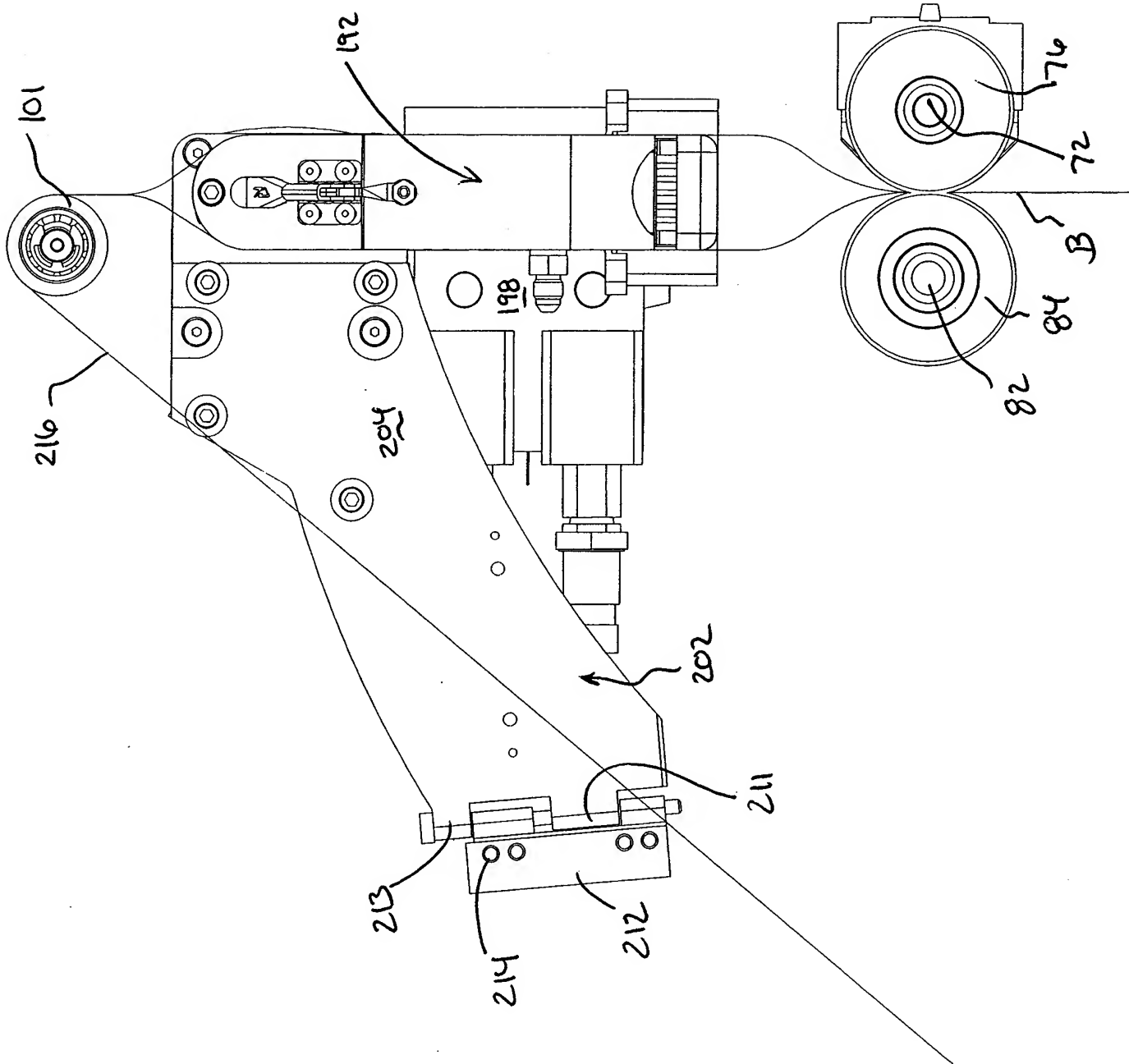


FIG. 14B

FIG 15A

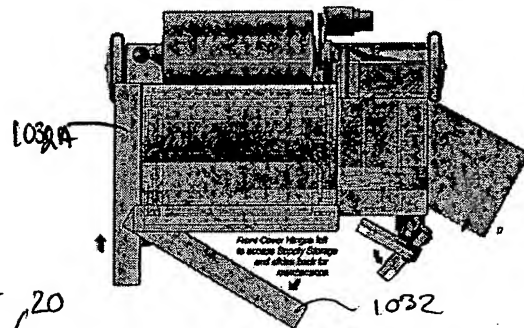


FIG. 15

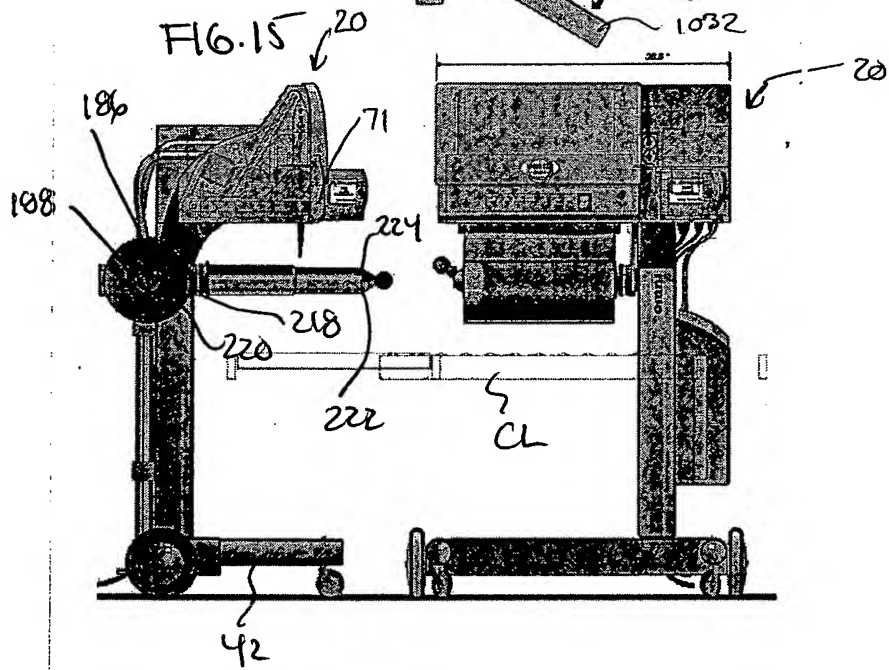
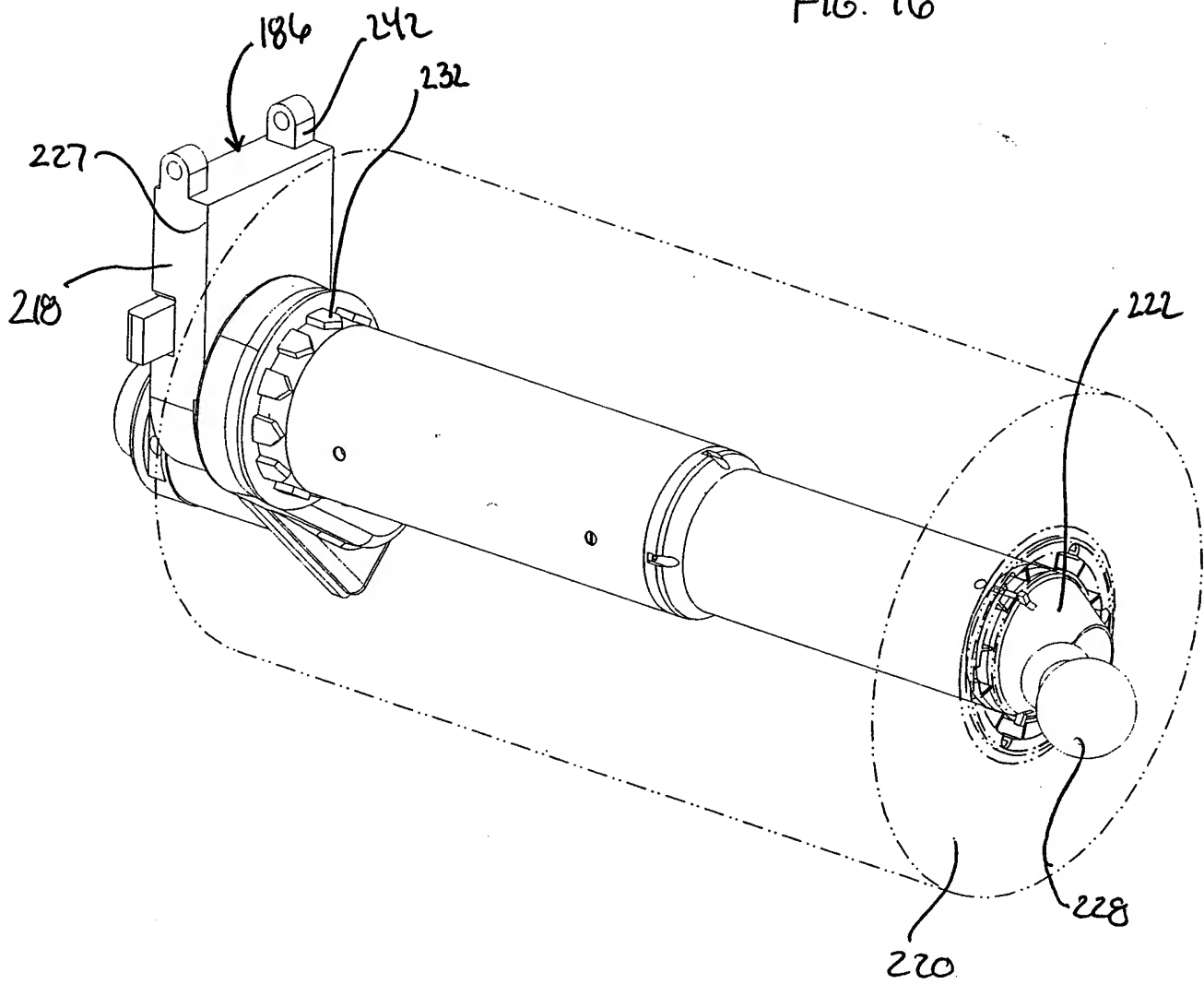


FIG 15B



FIG. 16



F16.17

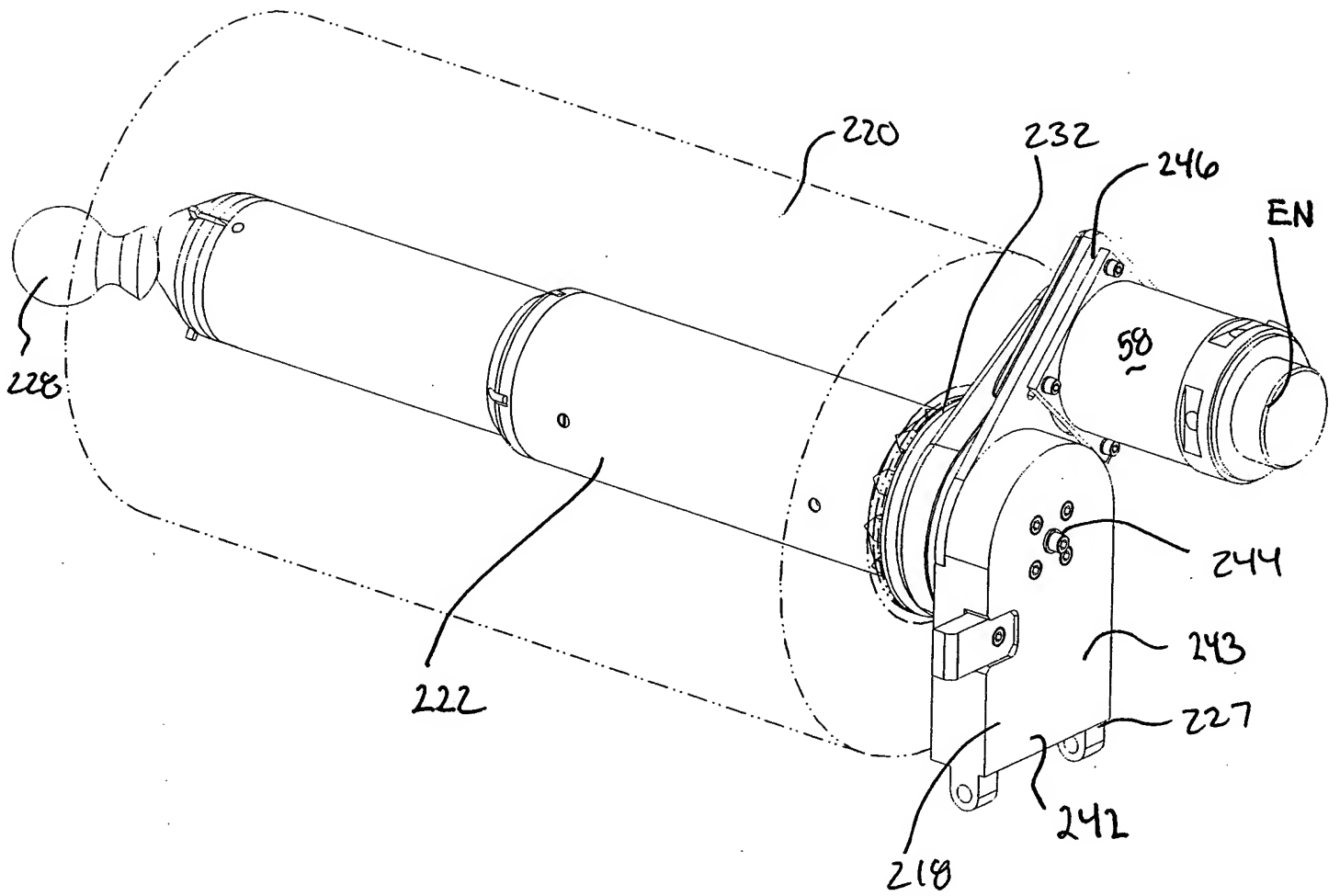
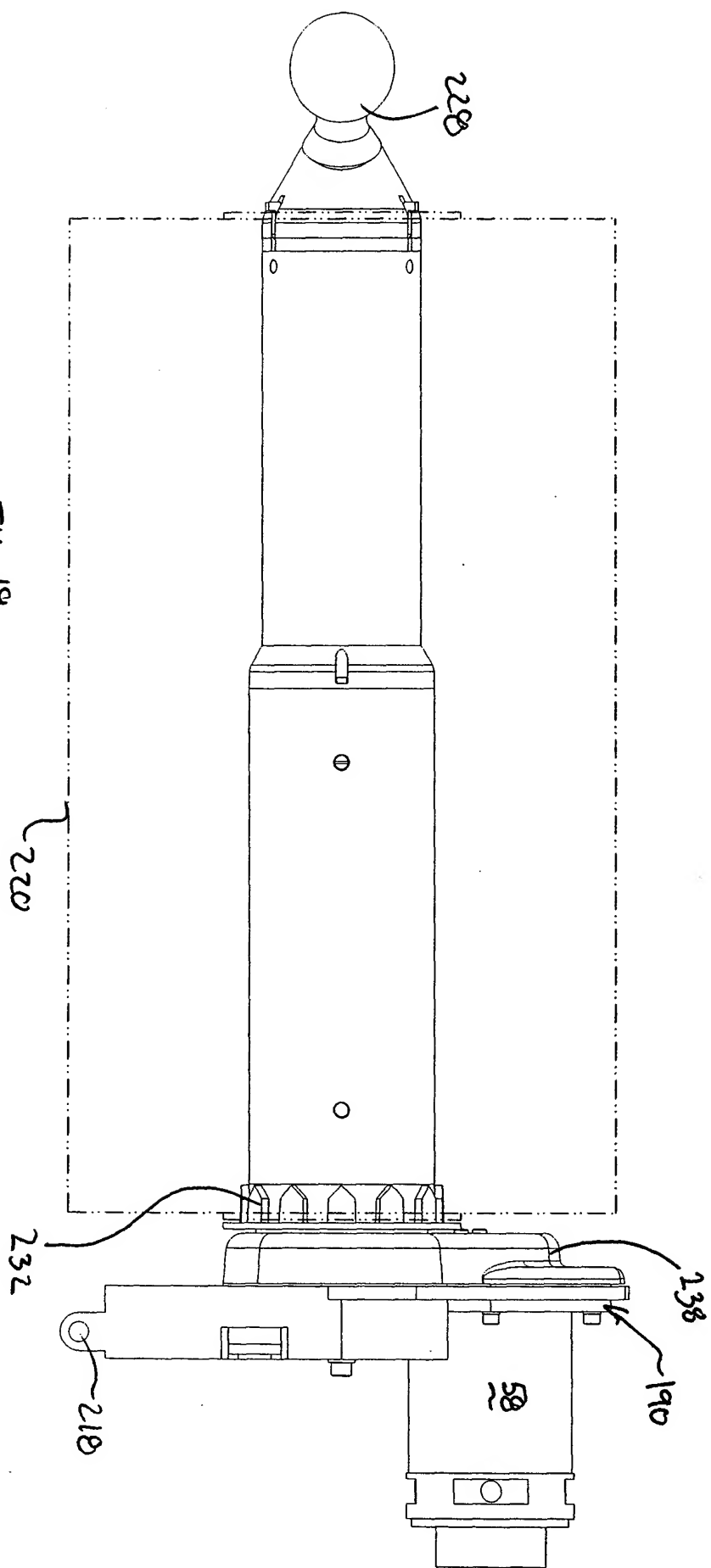


FIG. 18



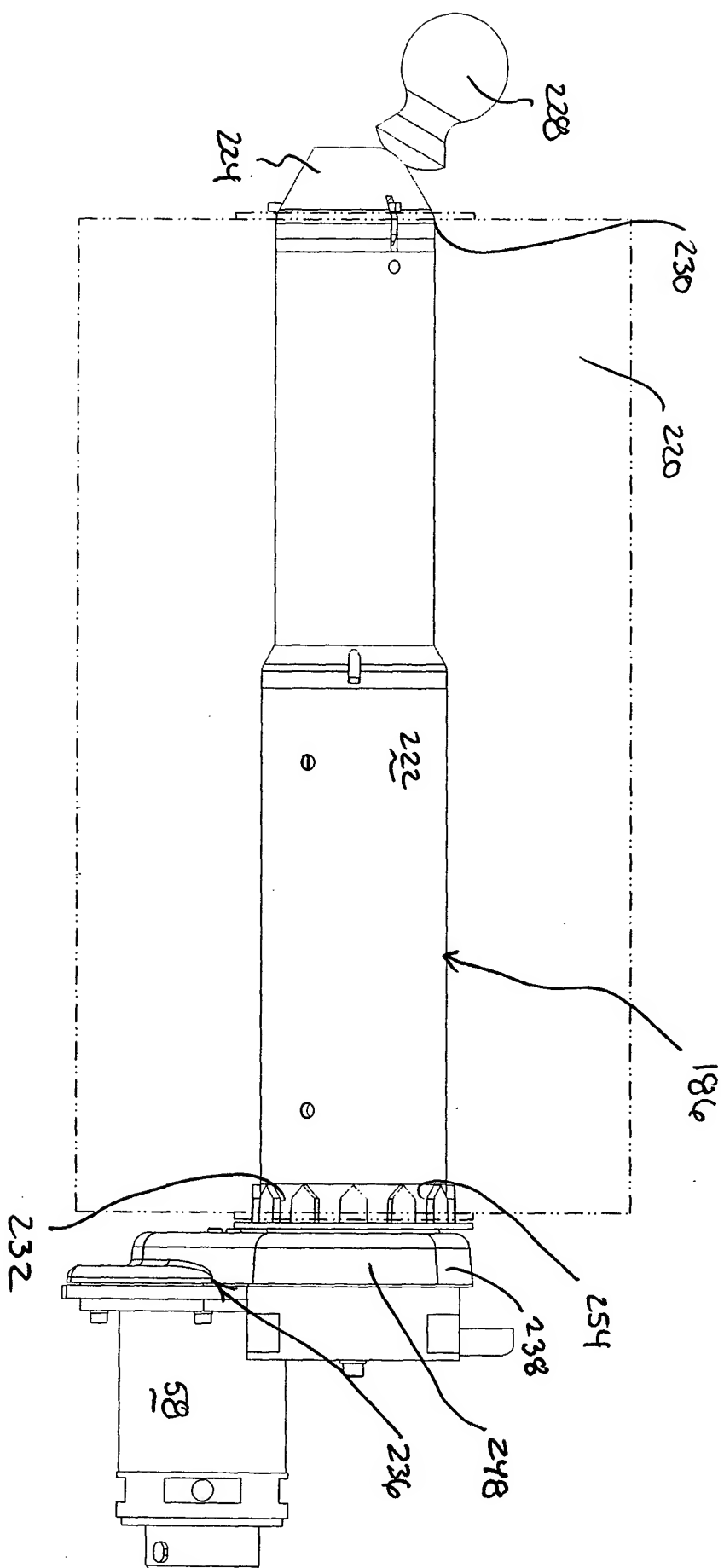


FIG. 19

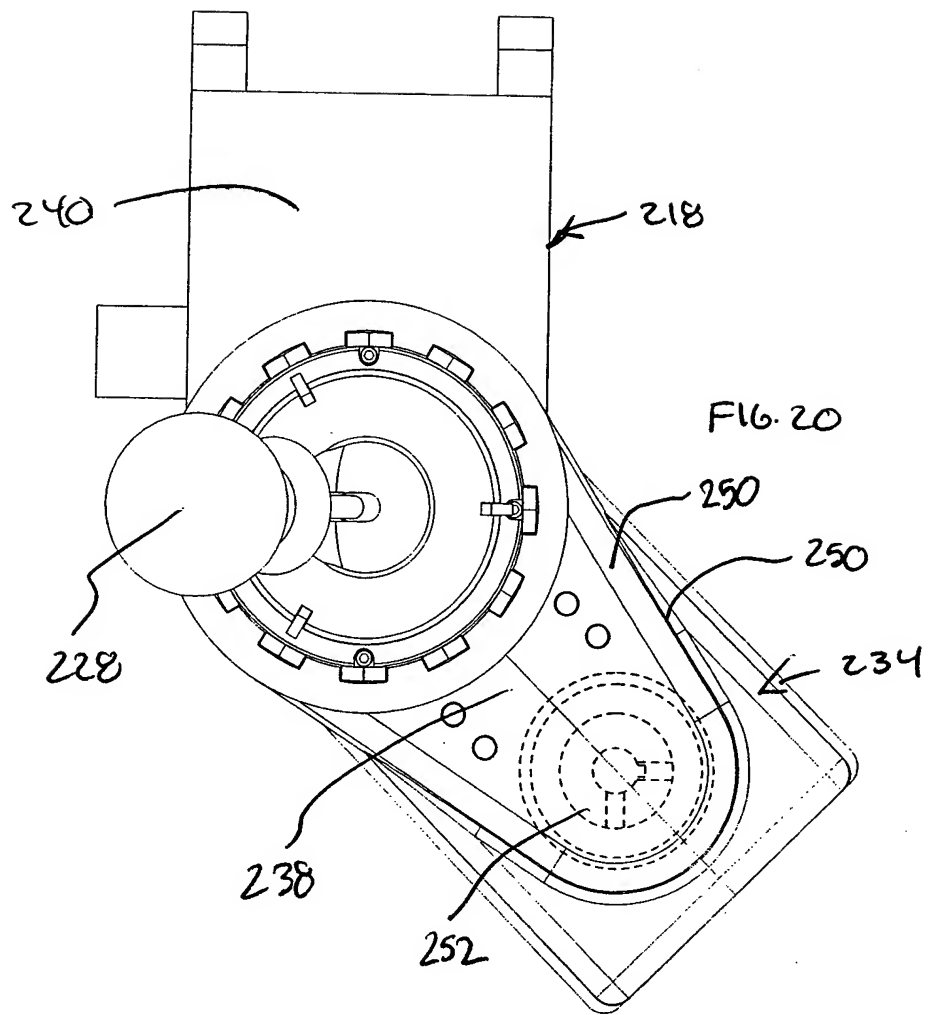
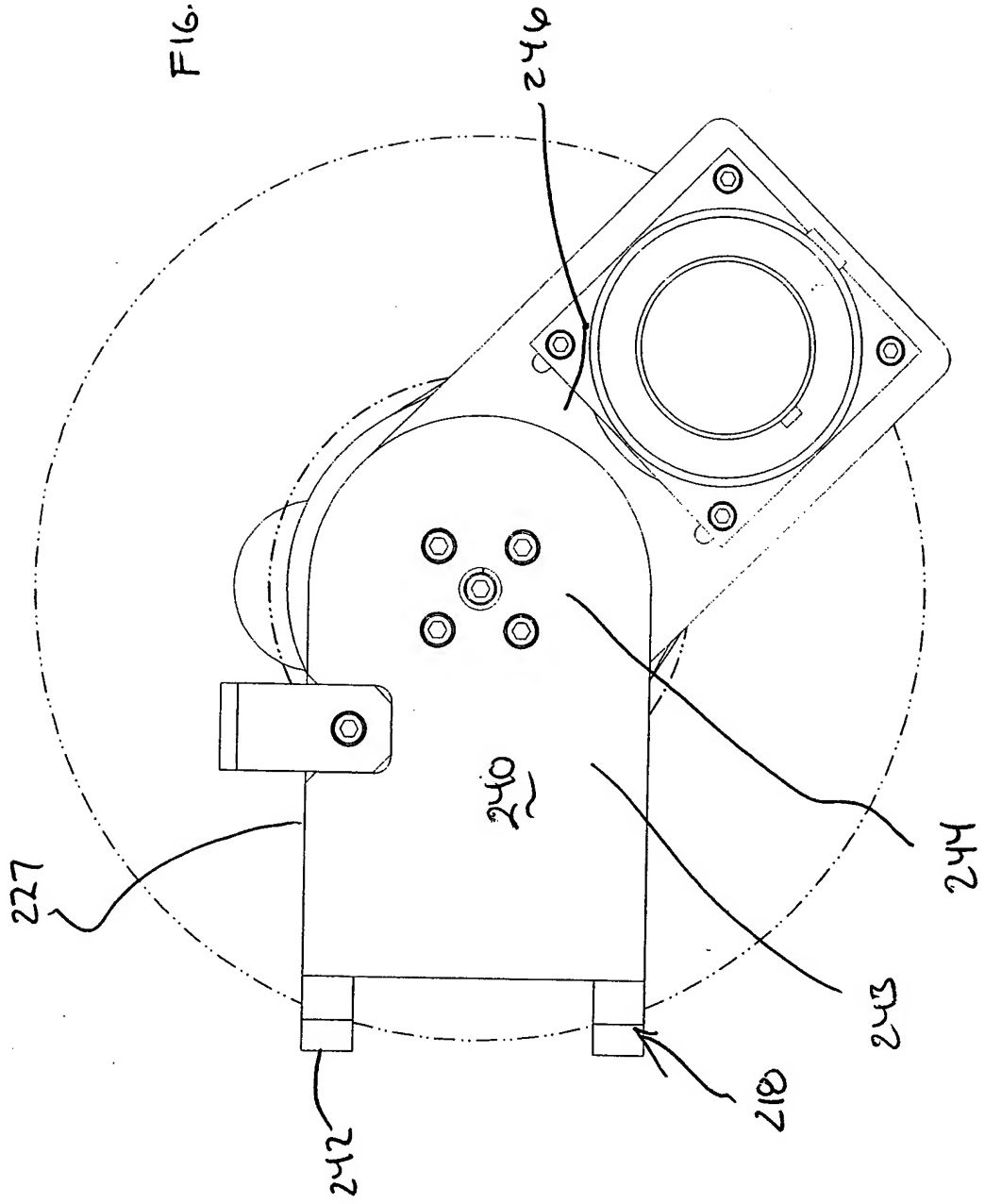


FIG. 21



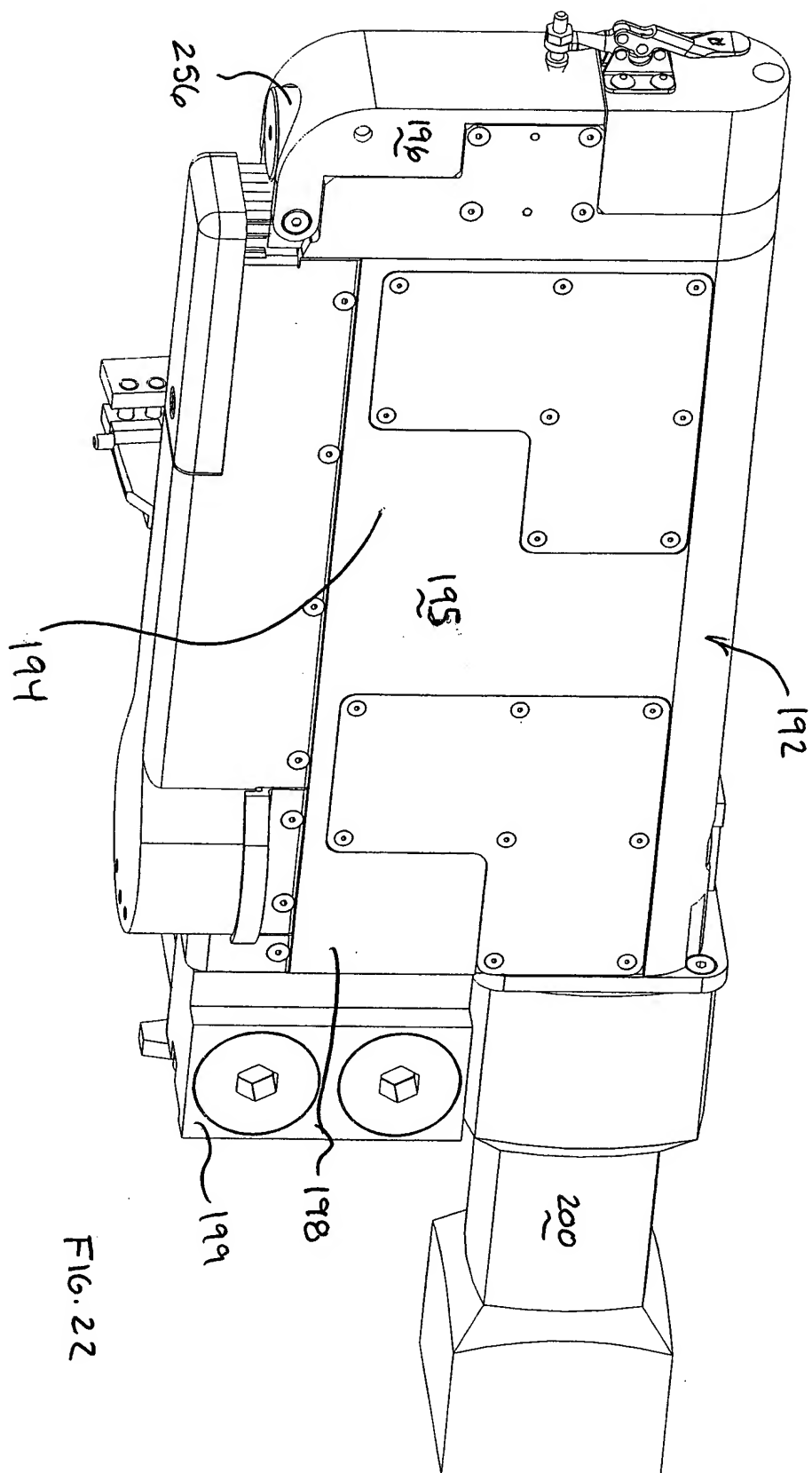
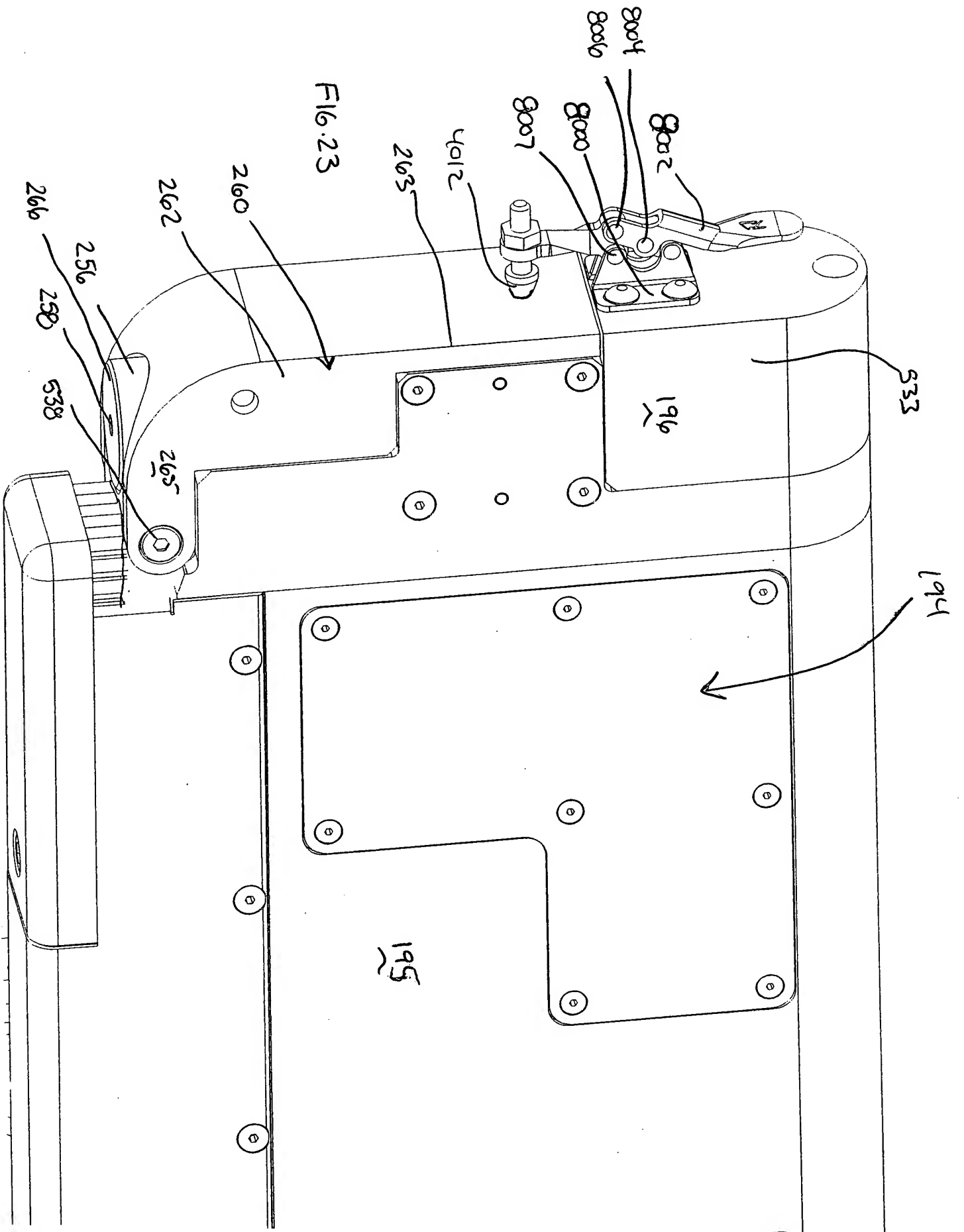
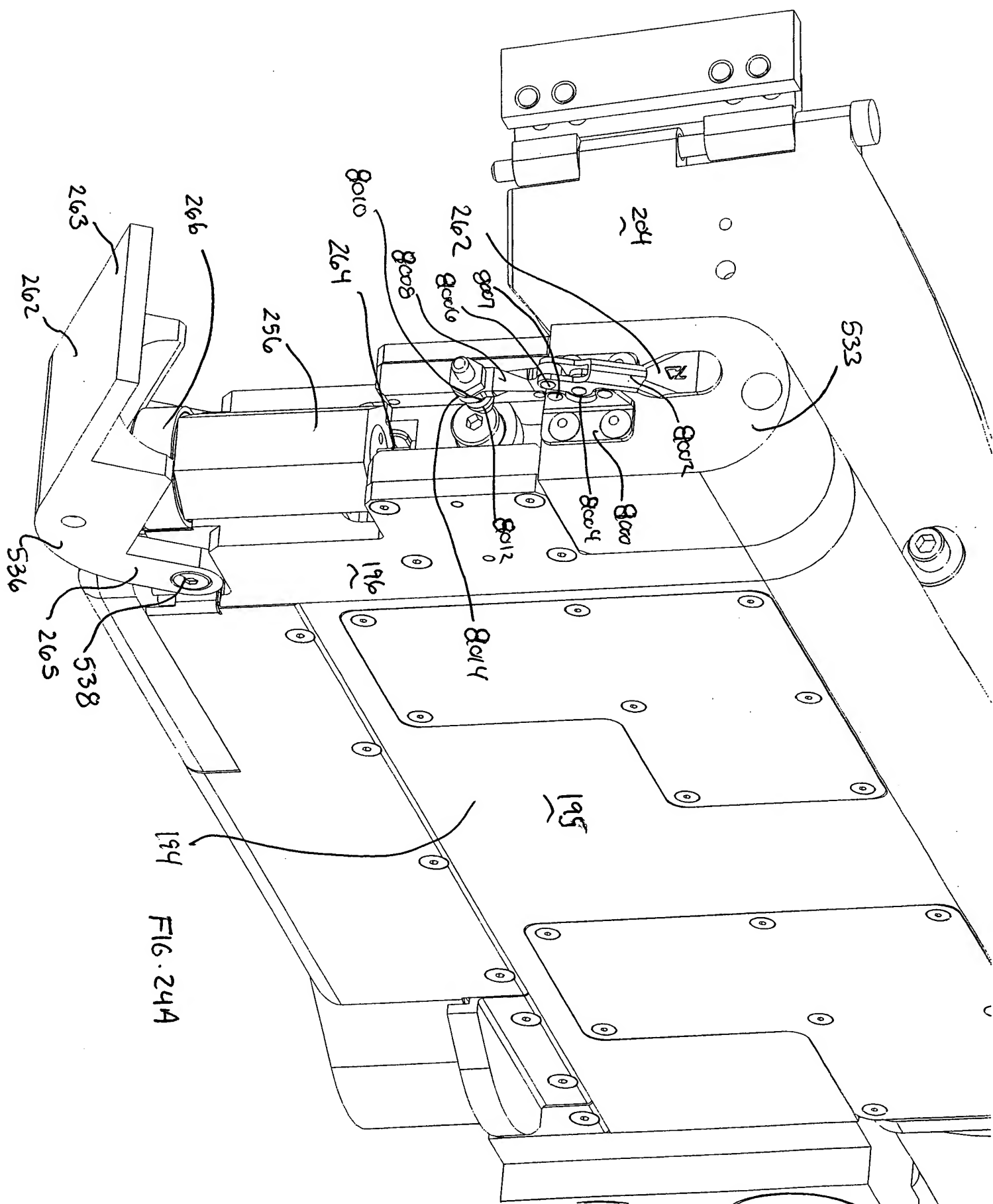
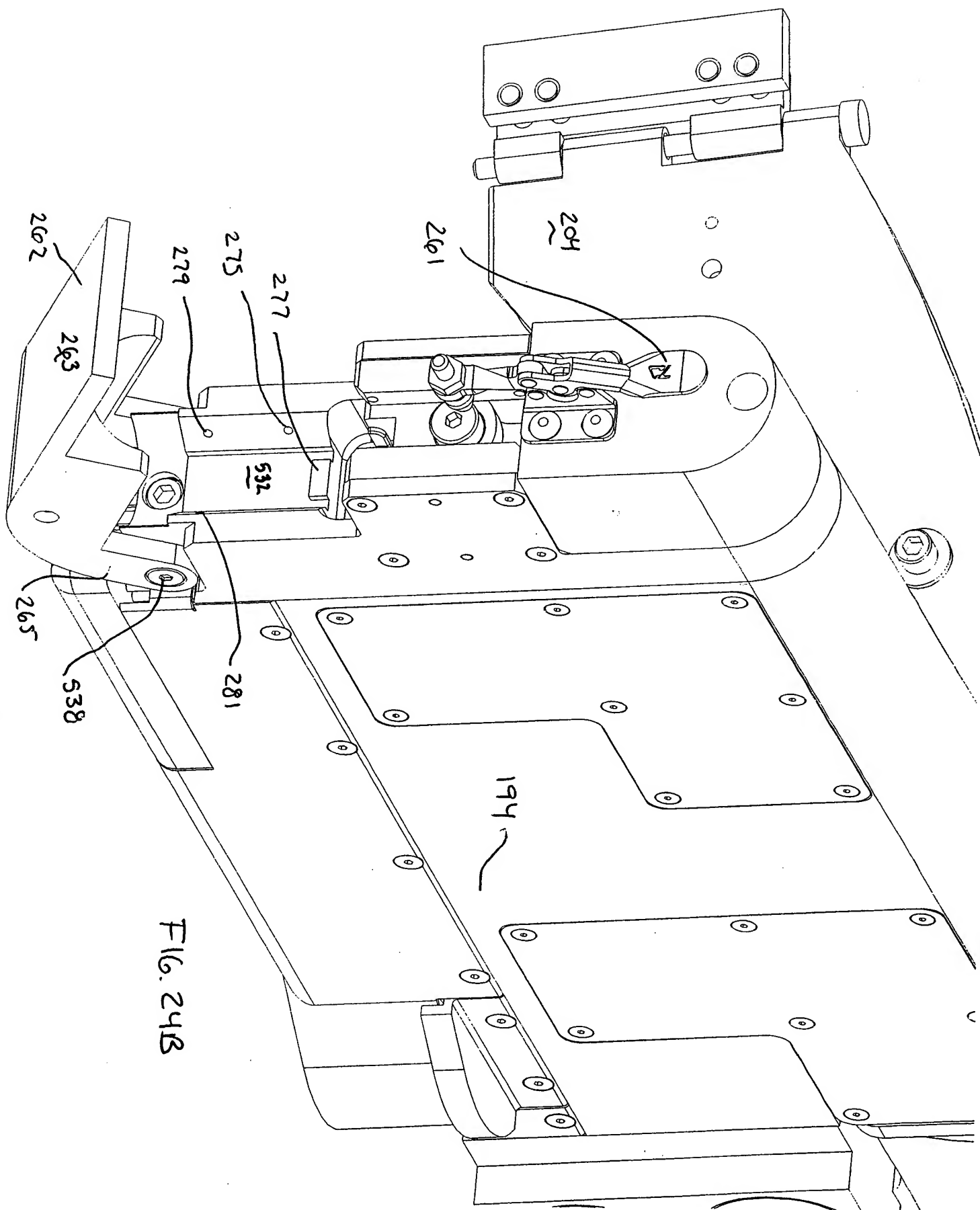


FIG. 22









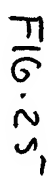


FIG. 25

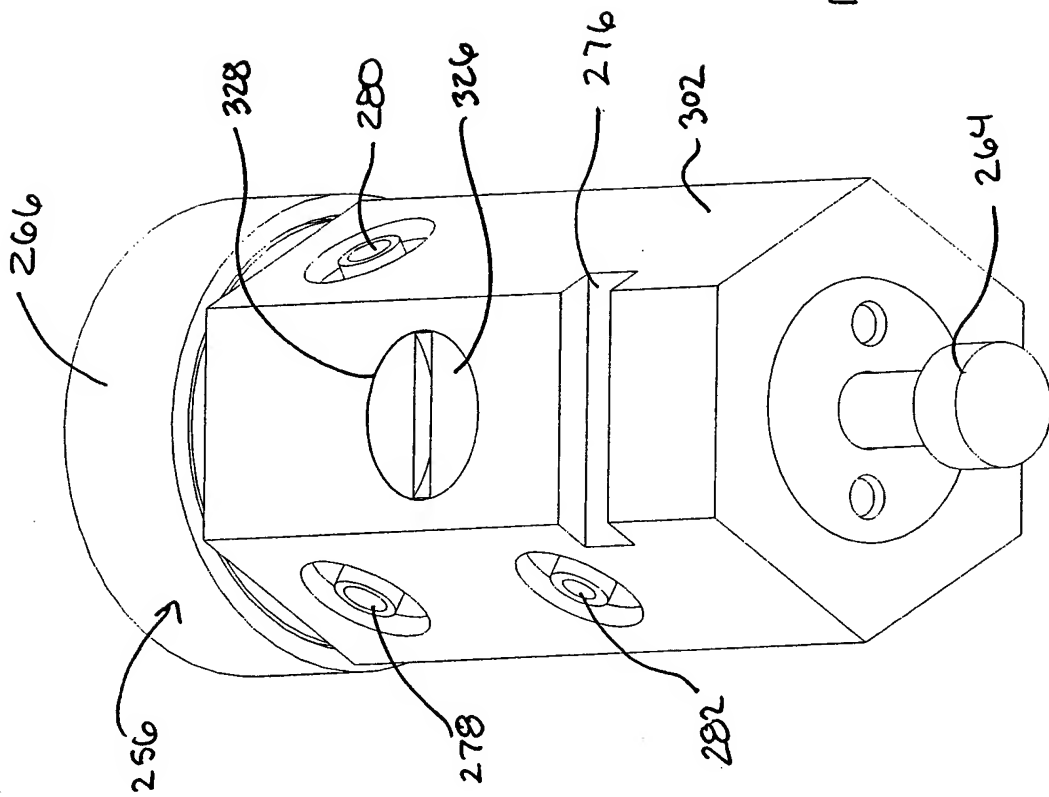
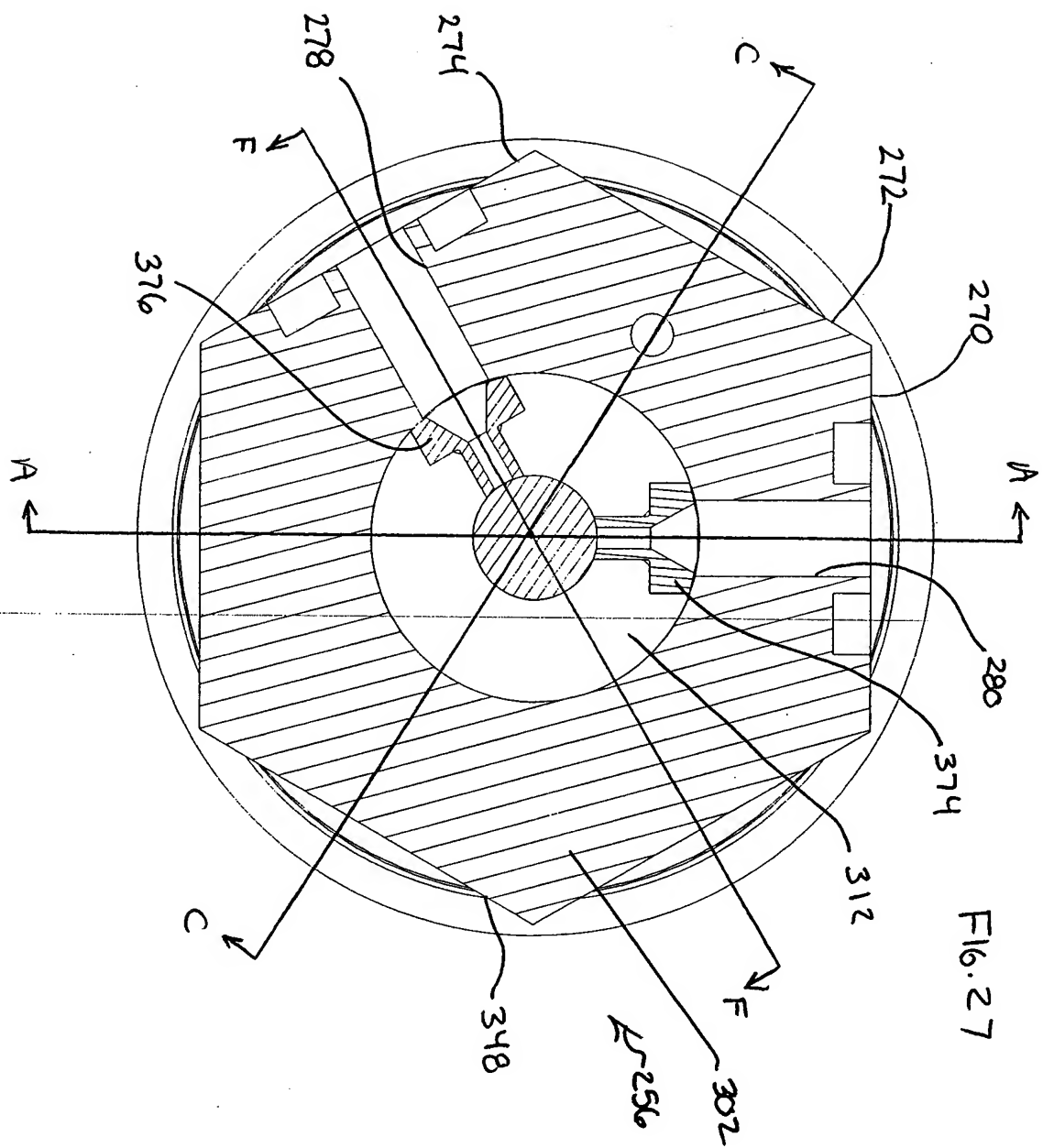
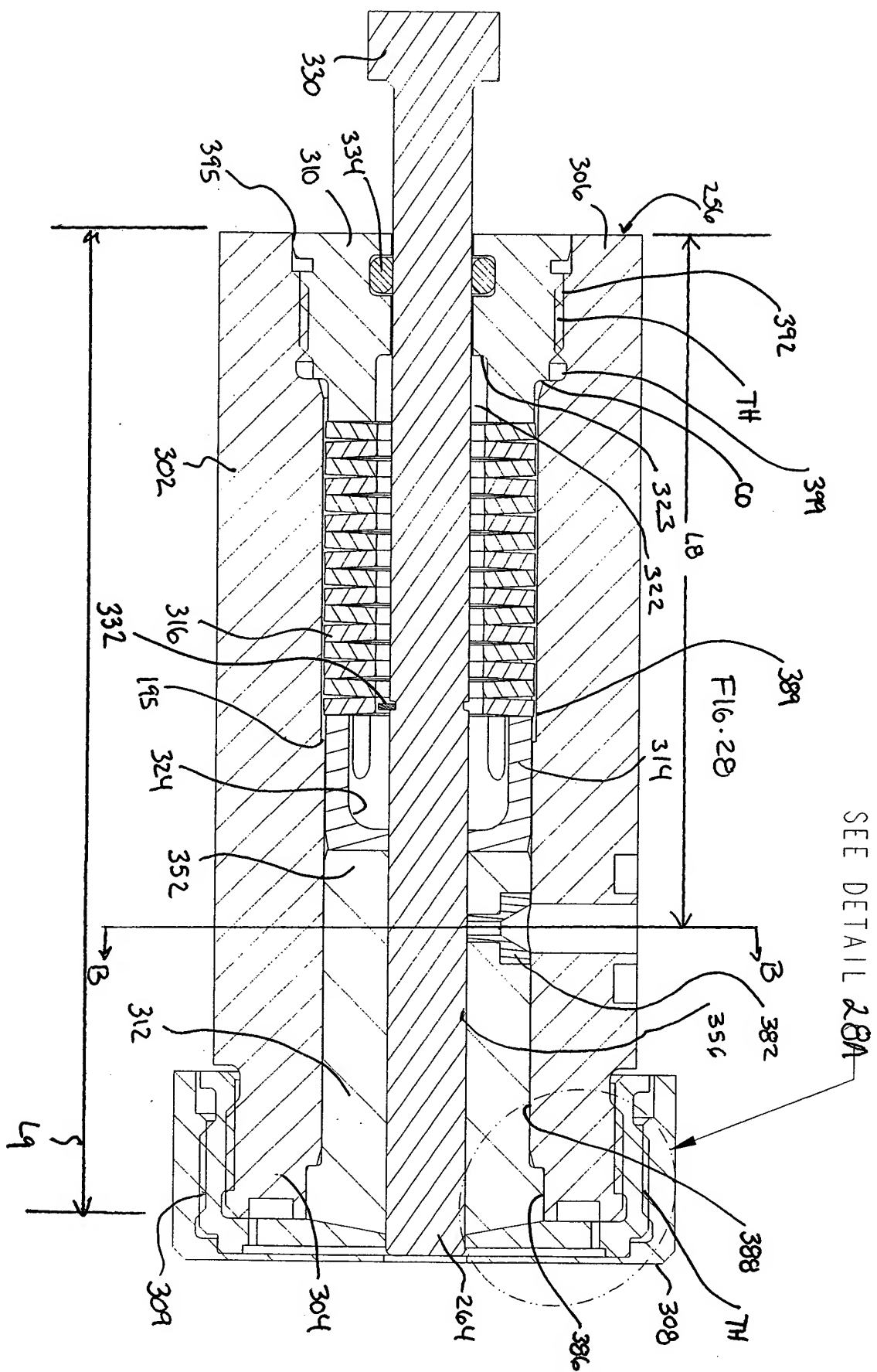


FIG. 26





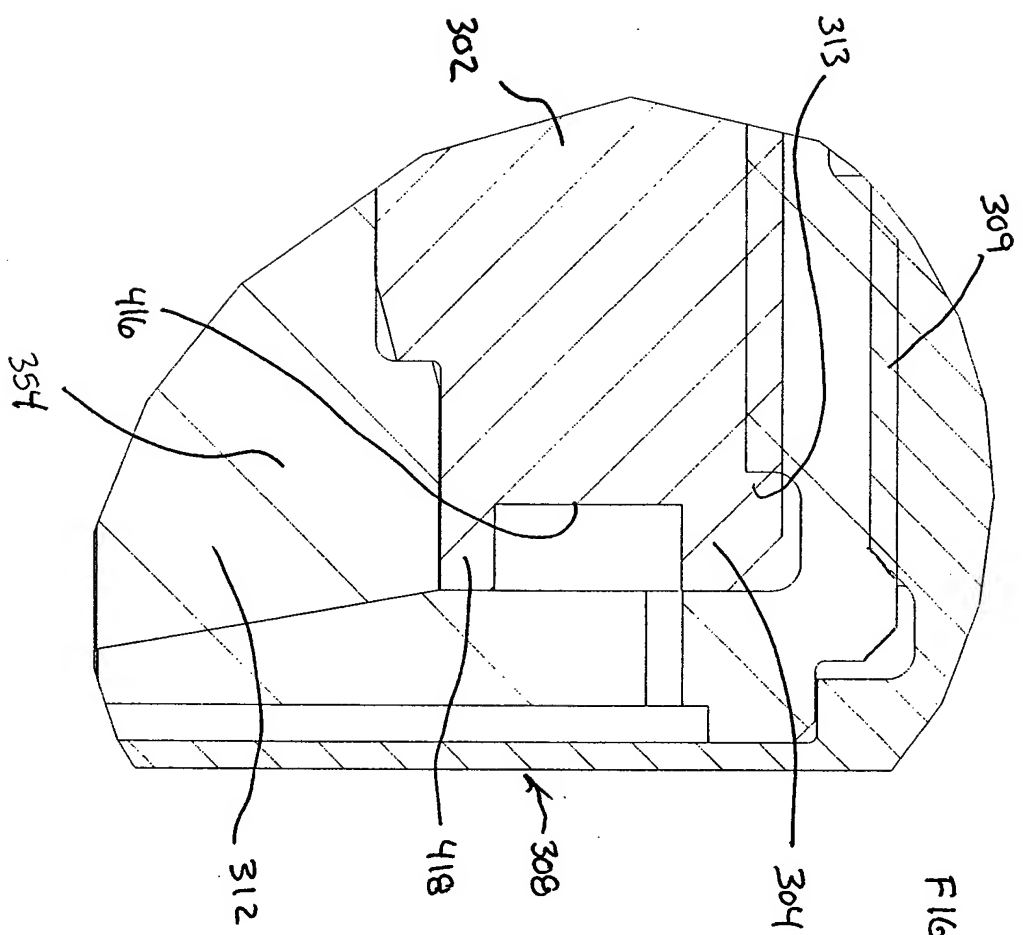


FIG. 28A

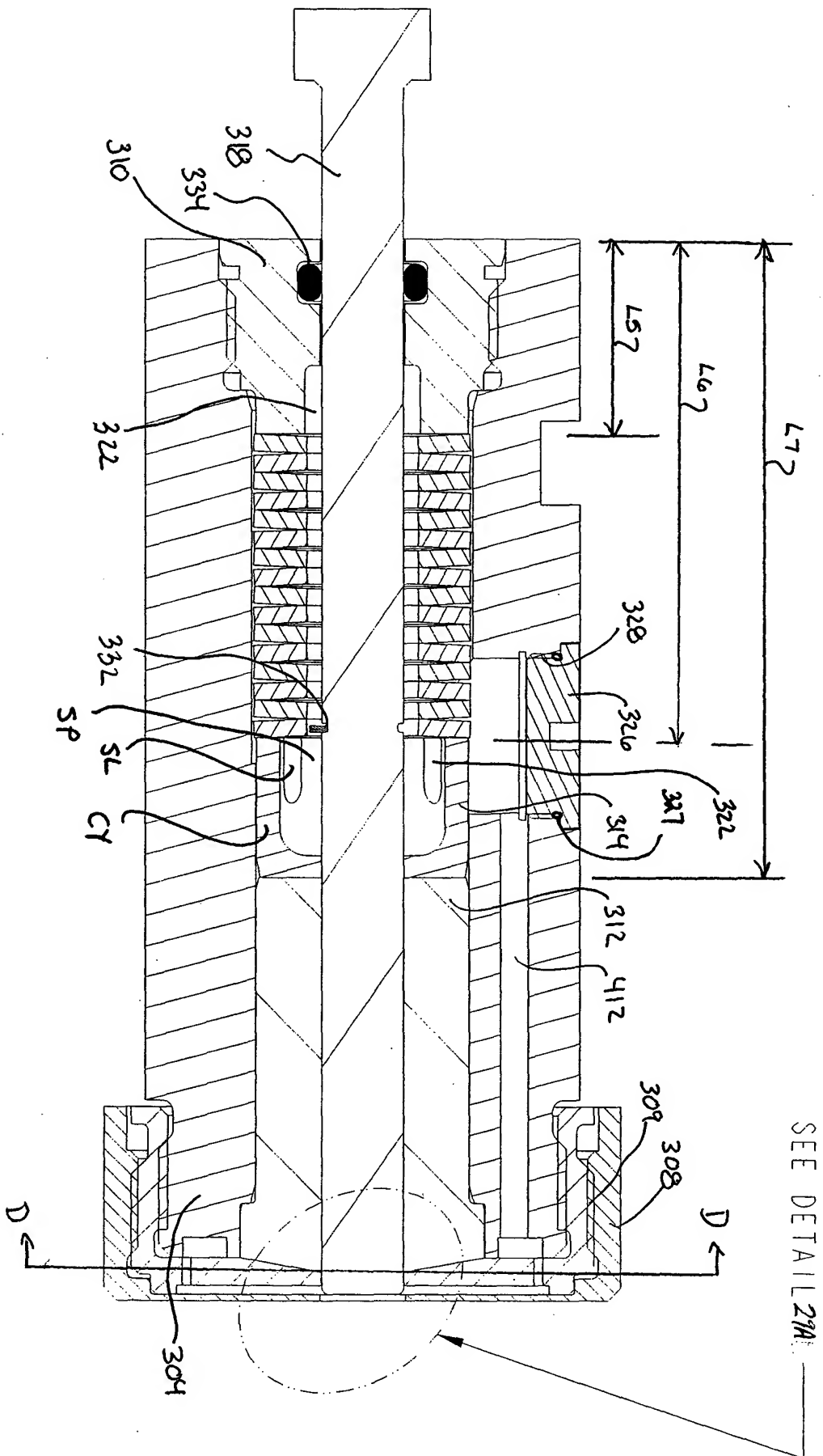


FIG. 29

SEE DETAIL 29A



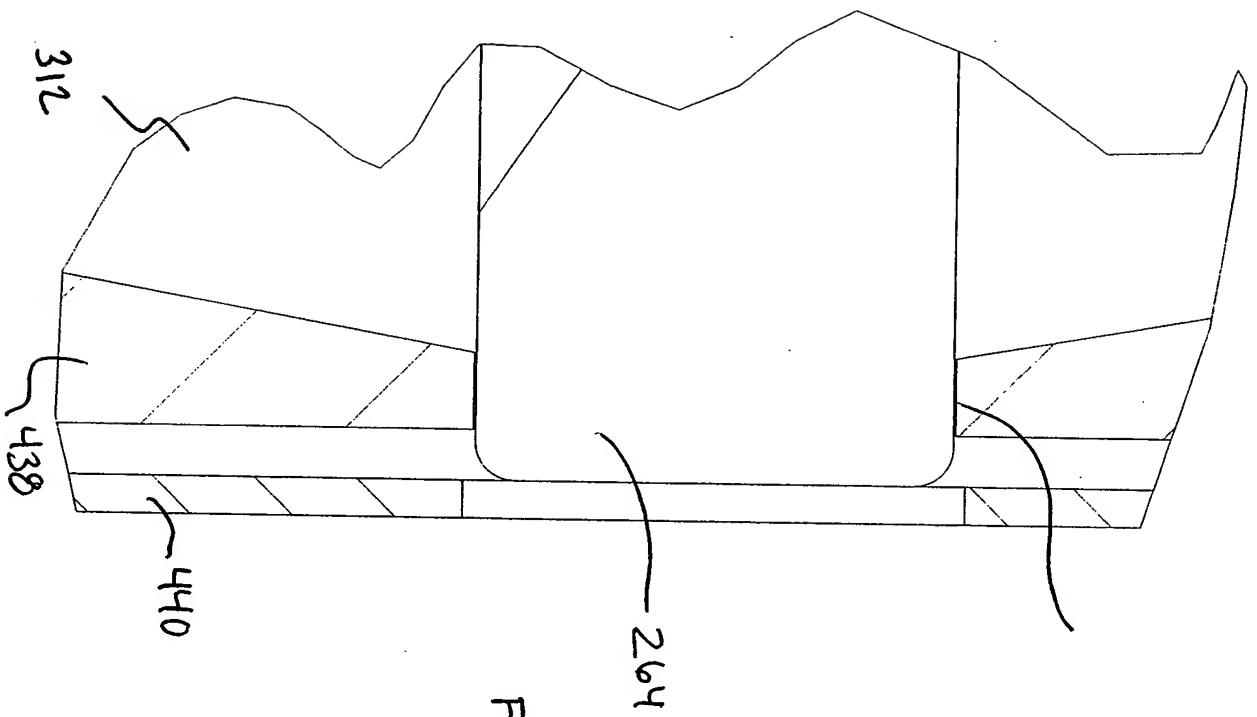


FIG. 294

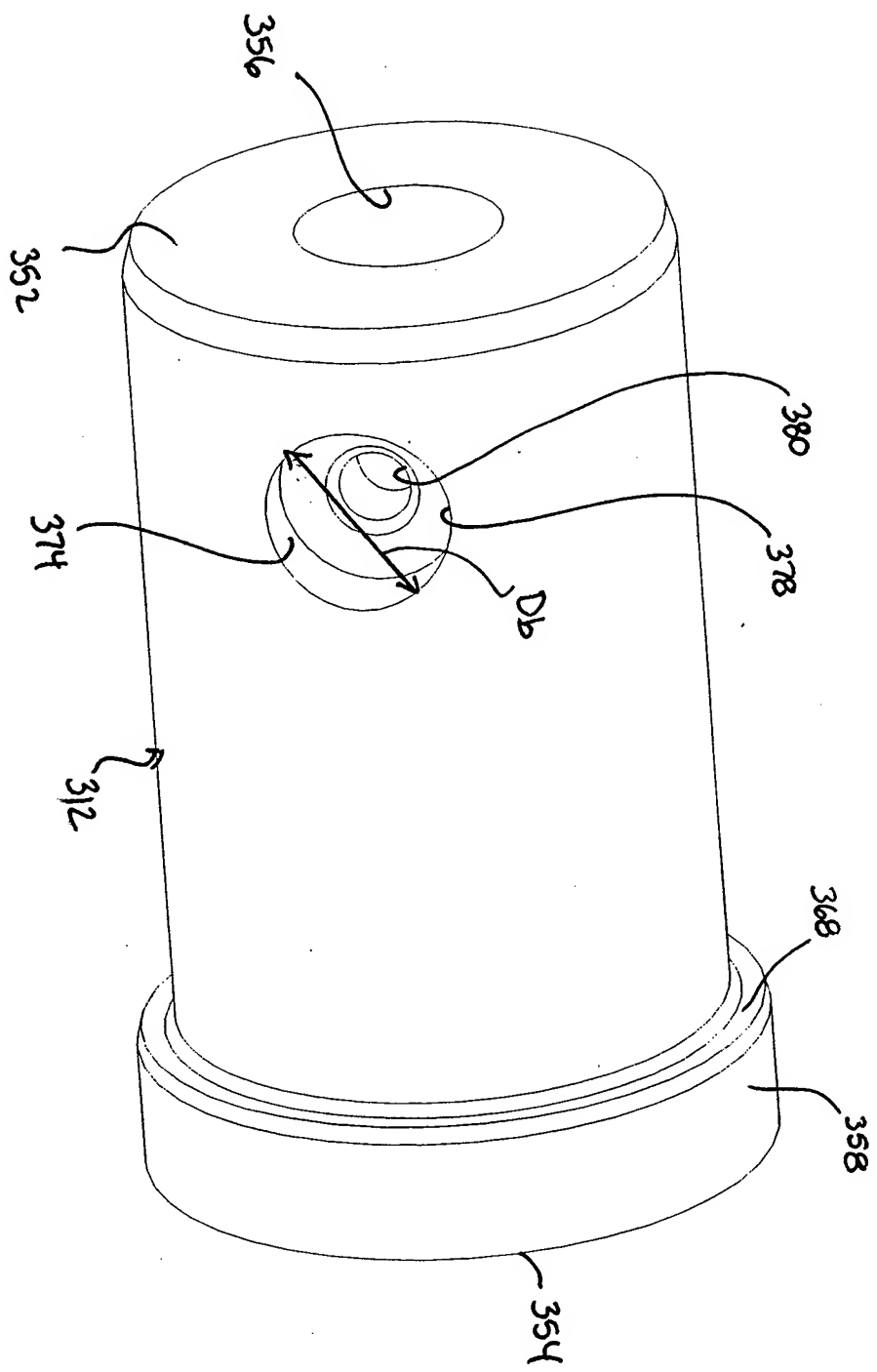
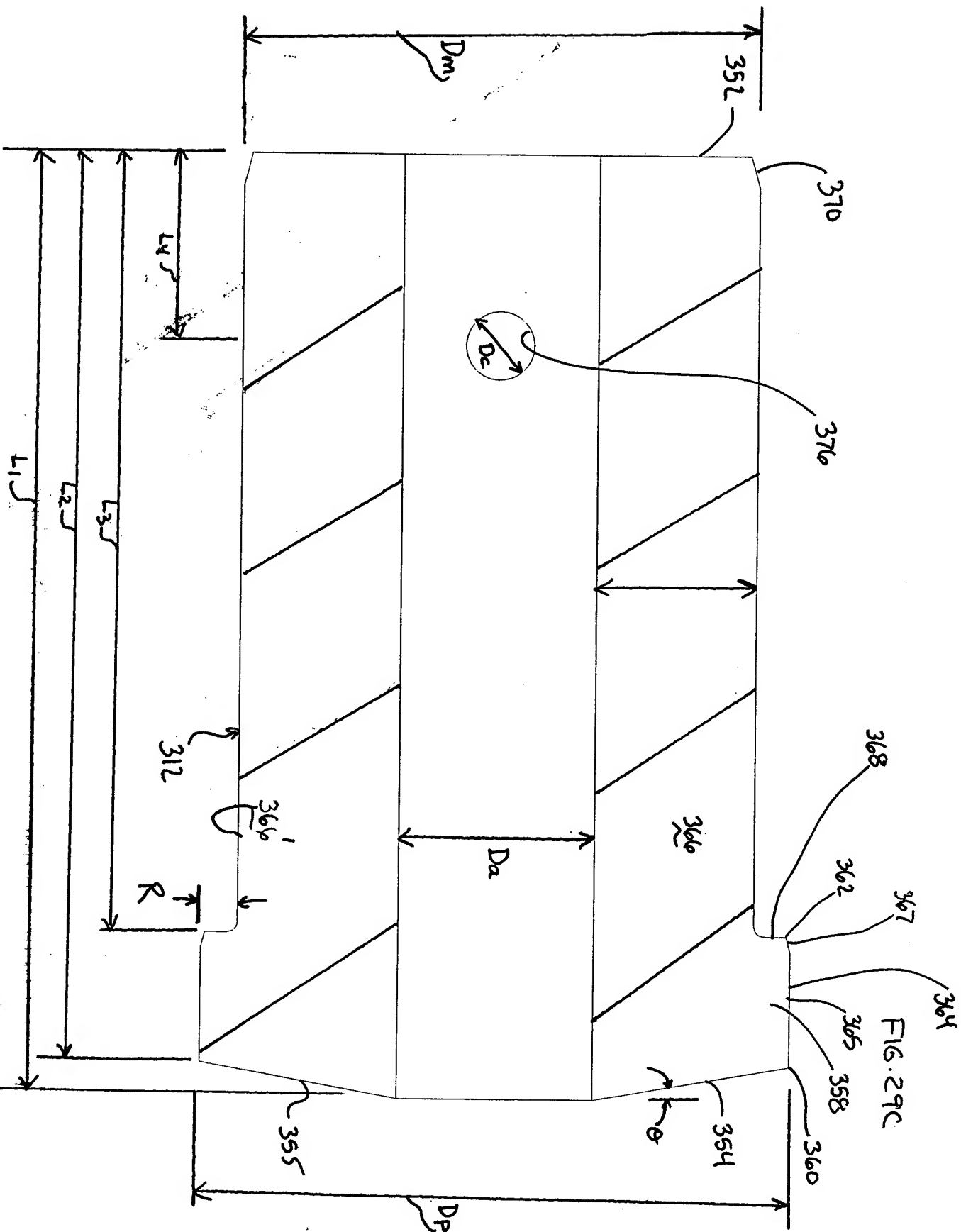


FIG. 29B



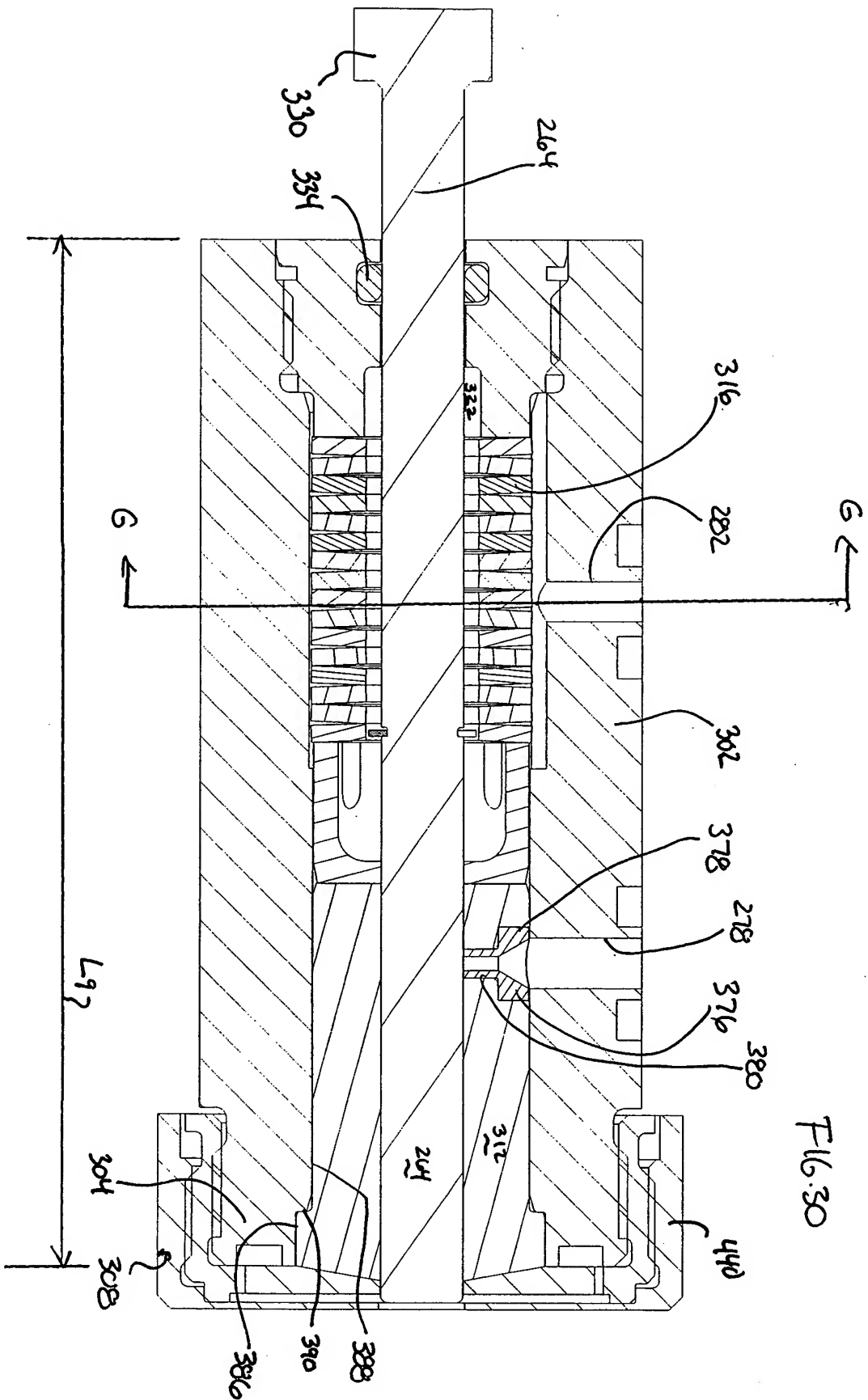


FIG. 30

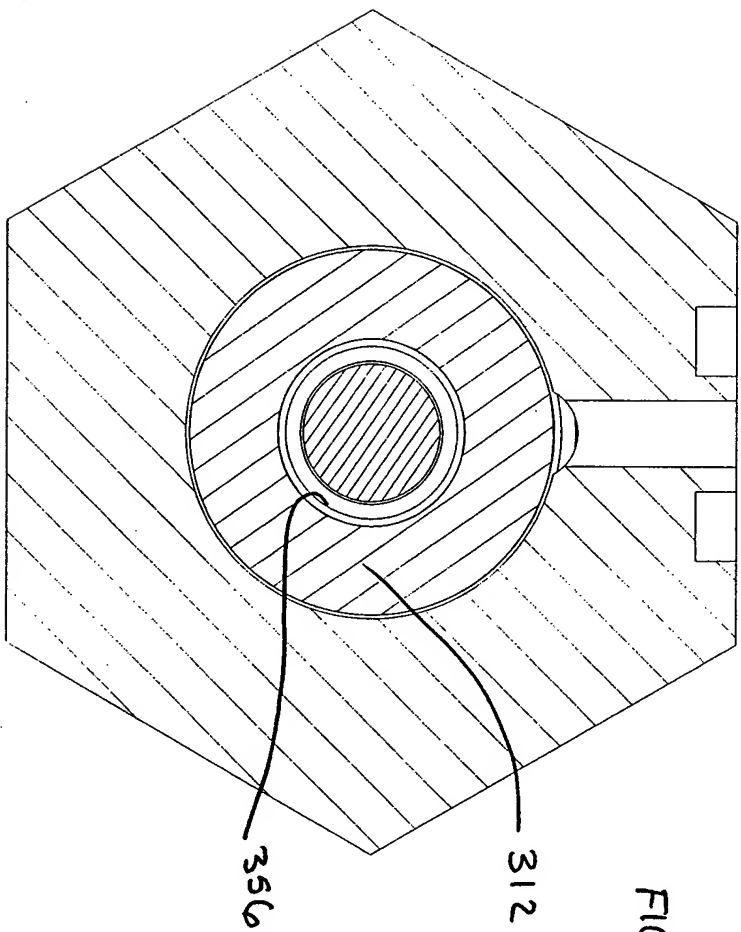


FIG. 31

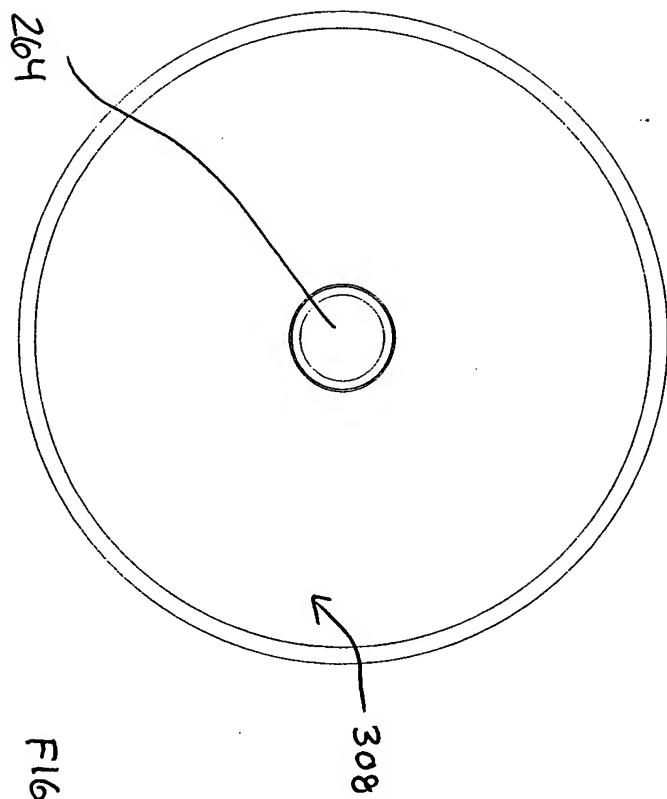


FIG. 32

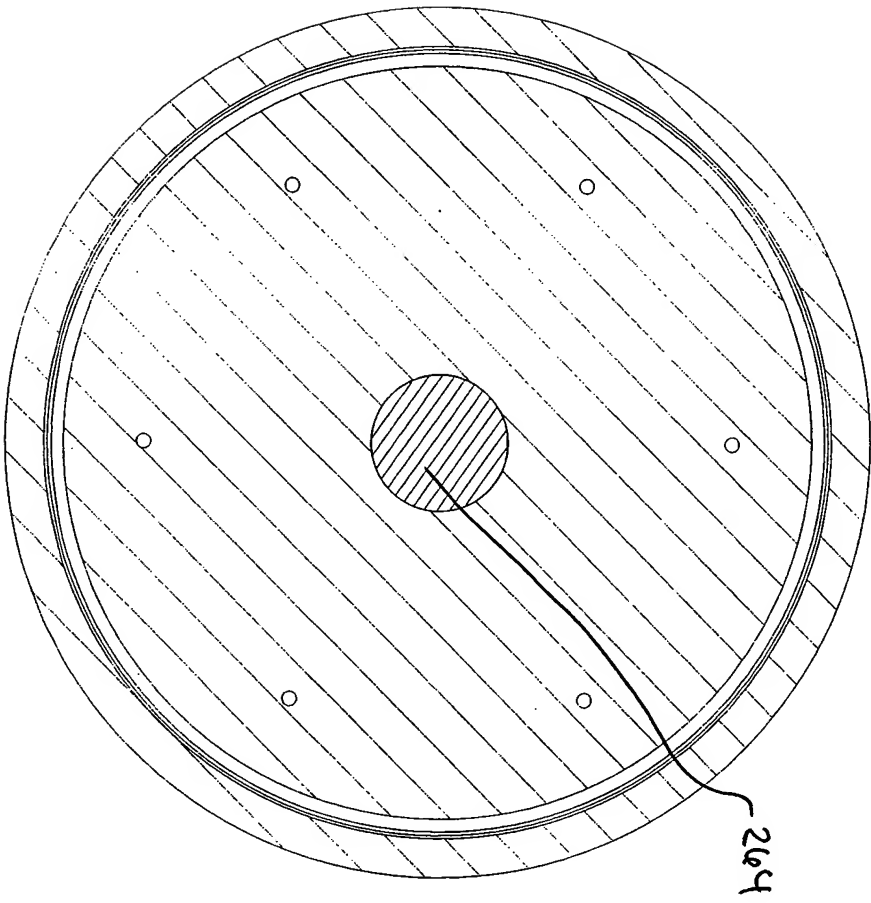
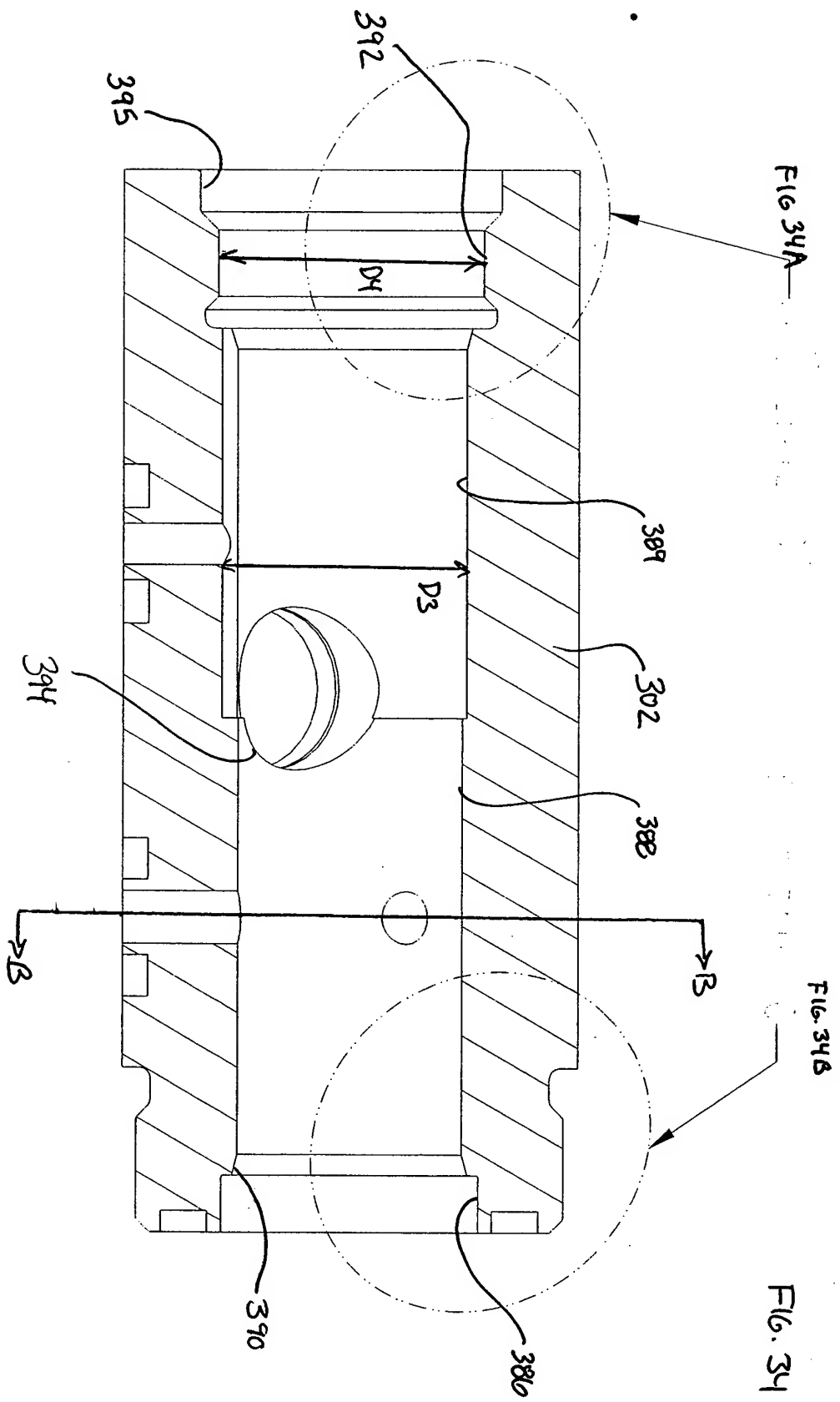


FIG. 33





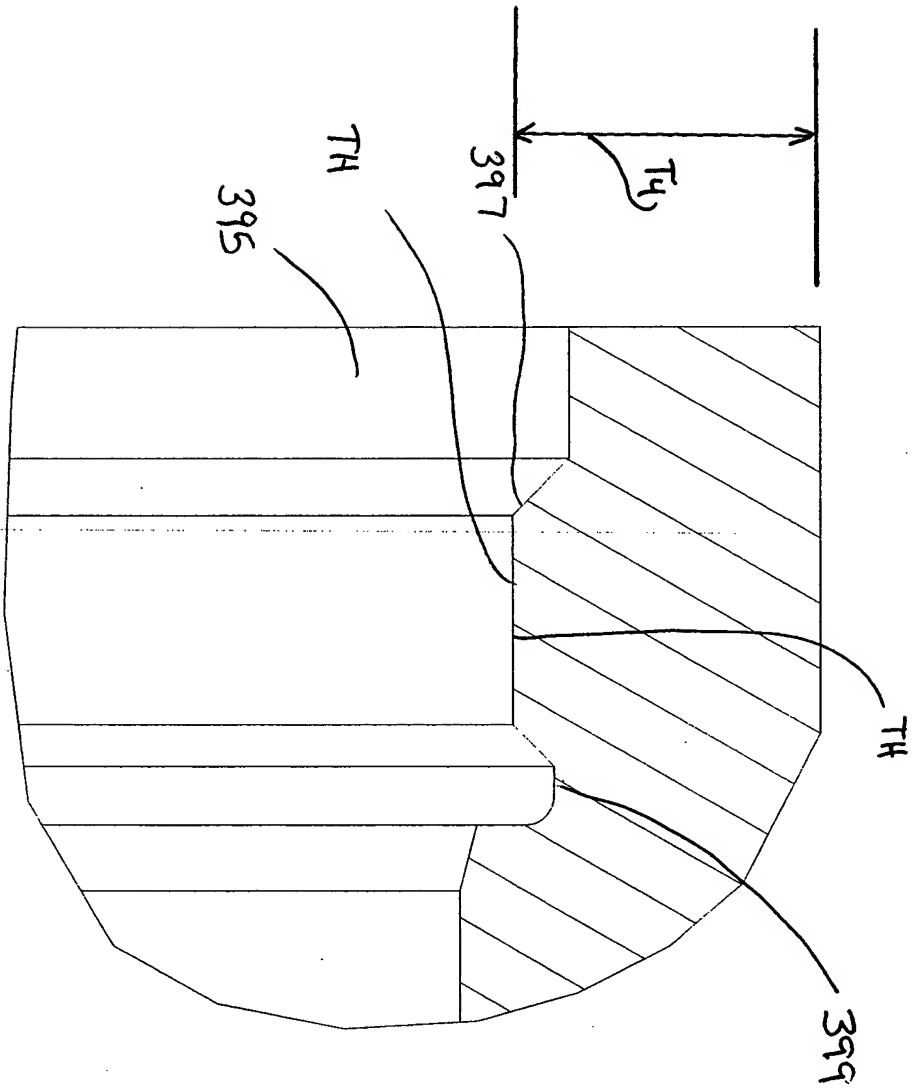


FIG. 34A

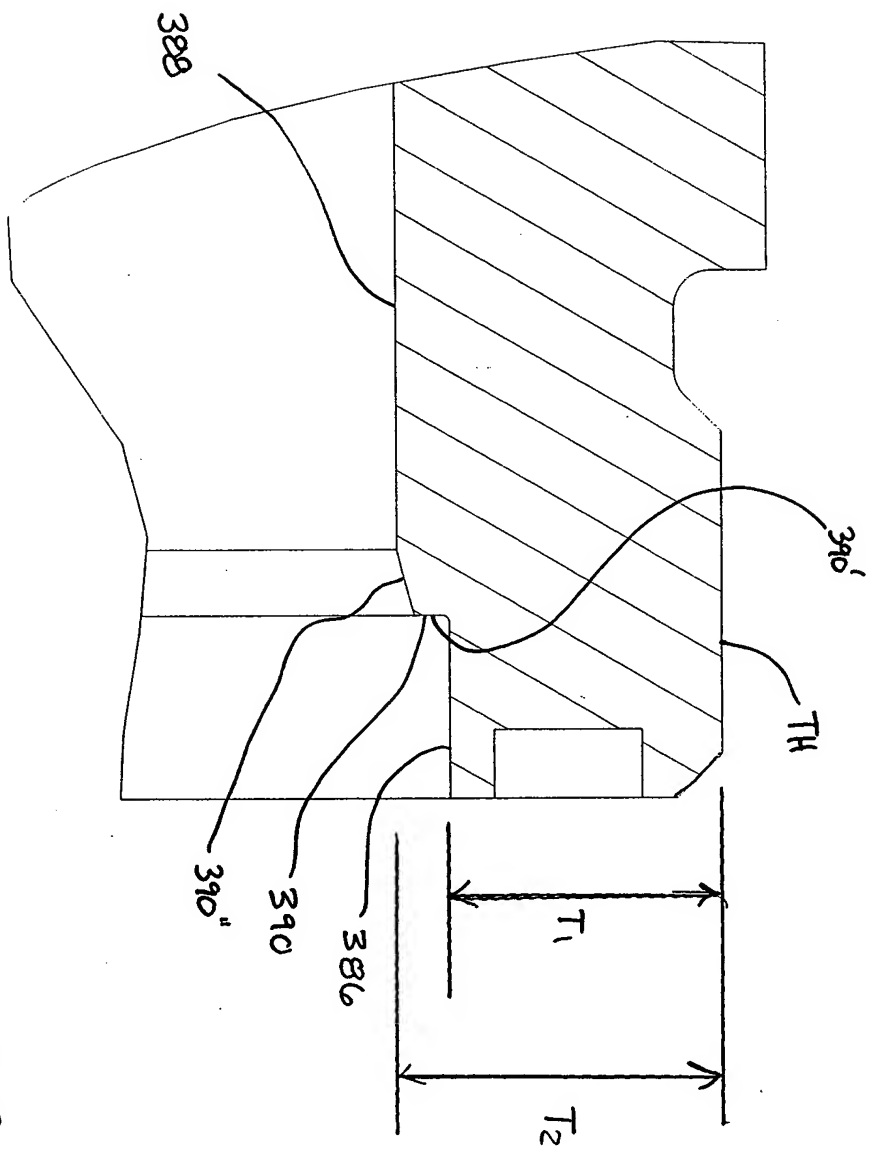


FIG. 343

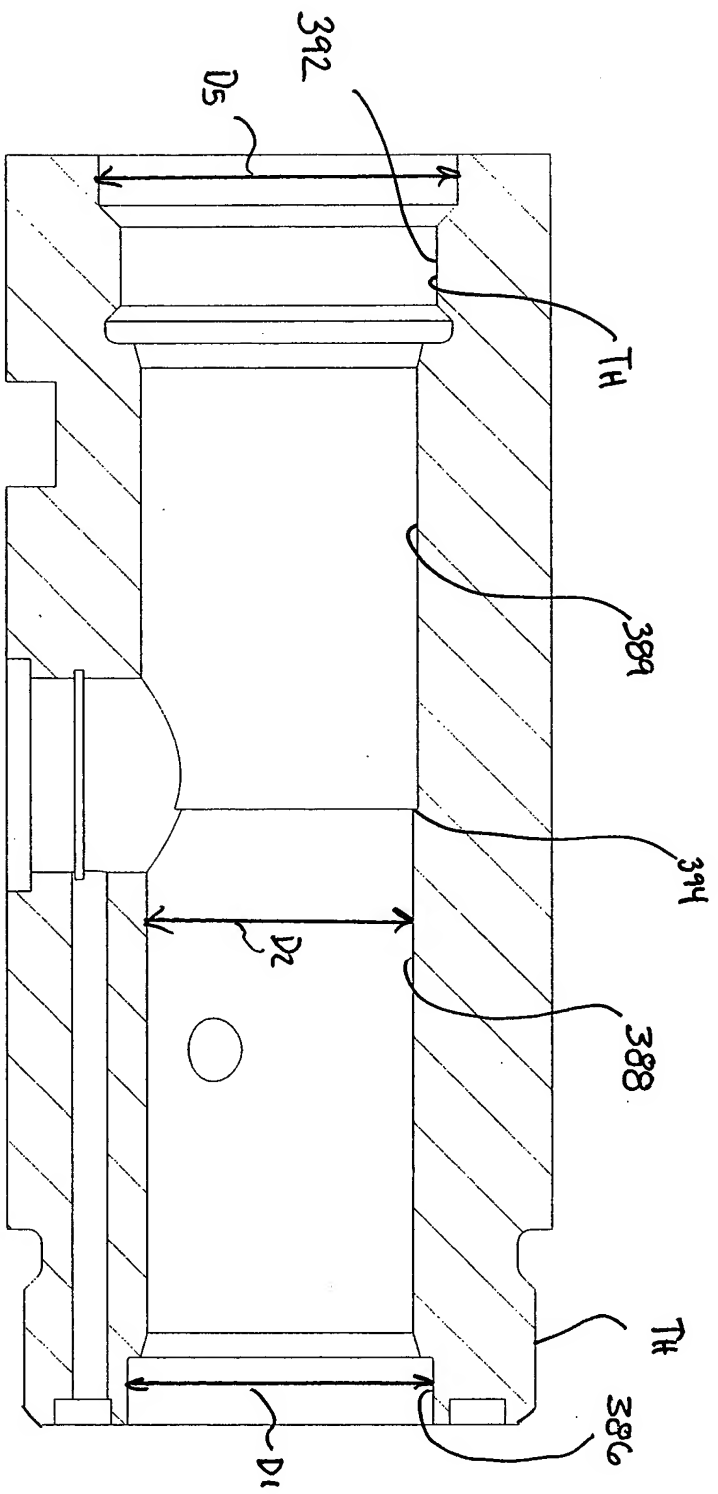
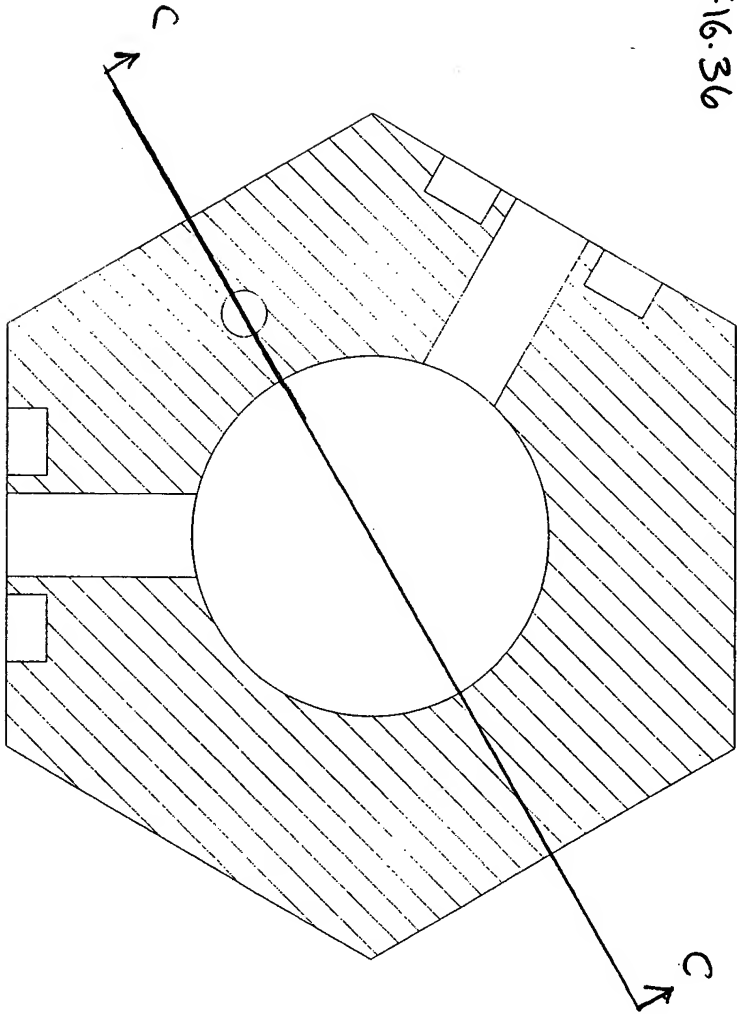


FIG. 35

FIG. 36



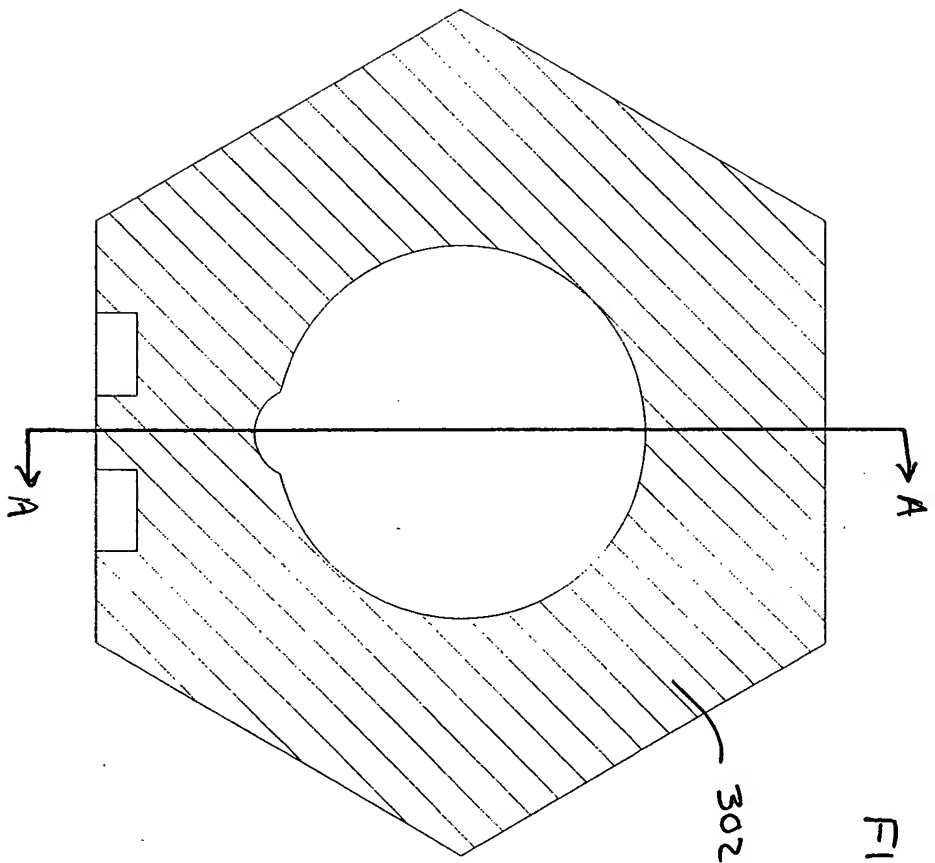


FIG. 37

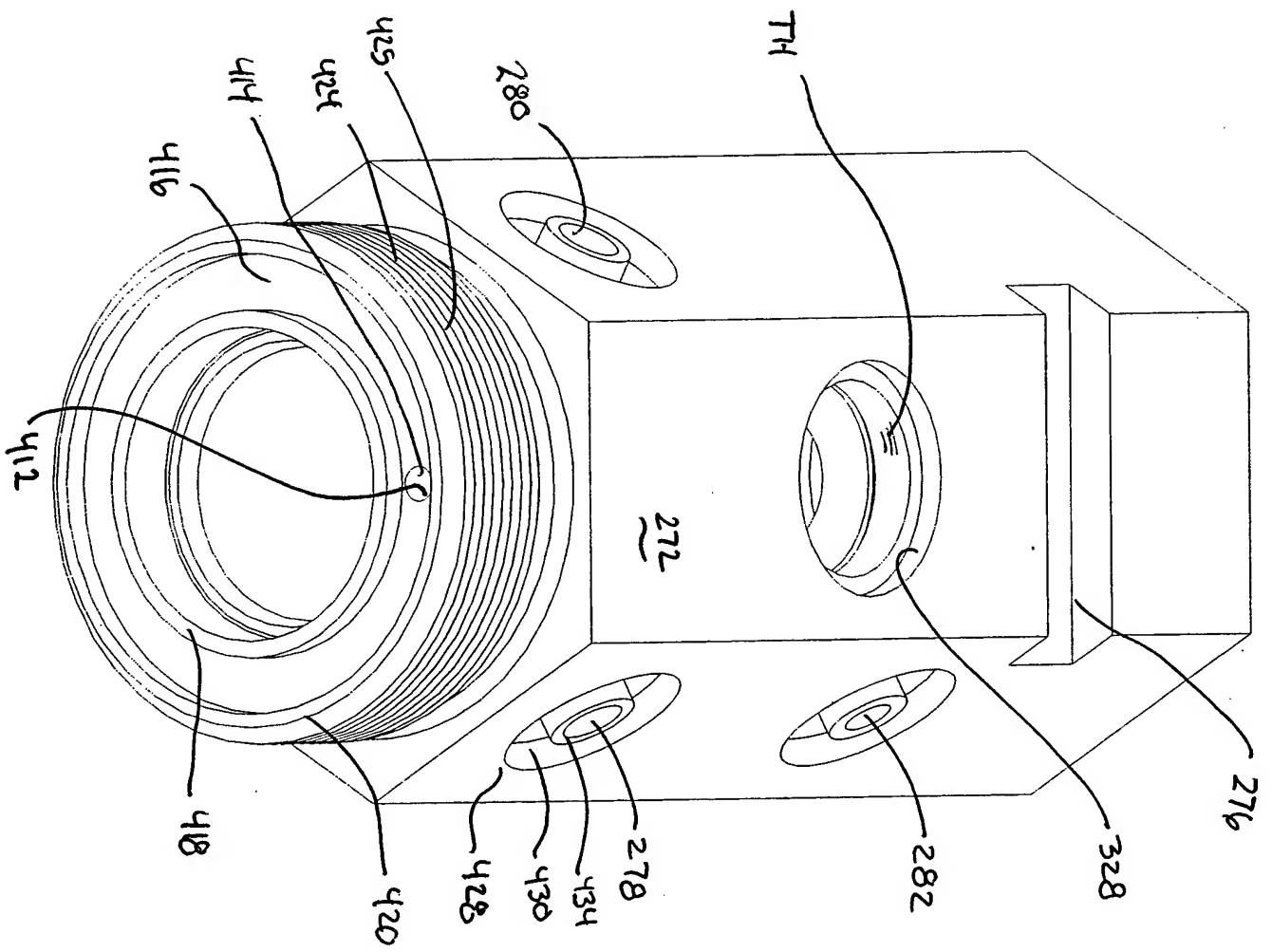
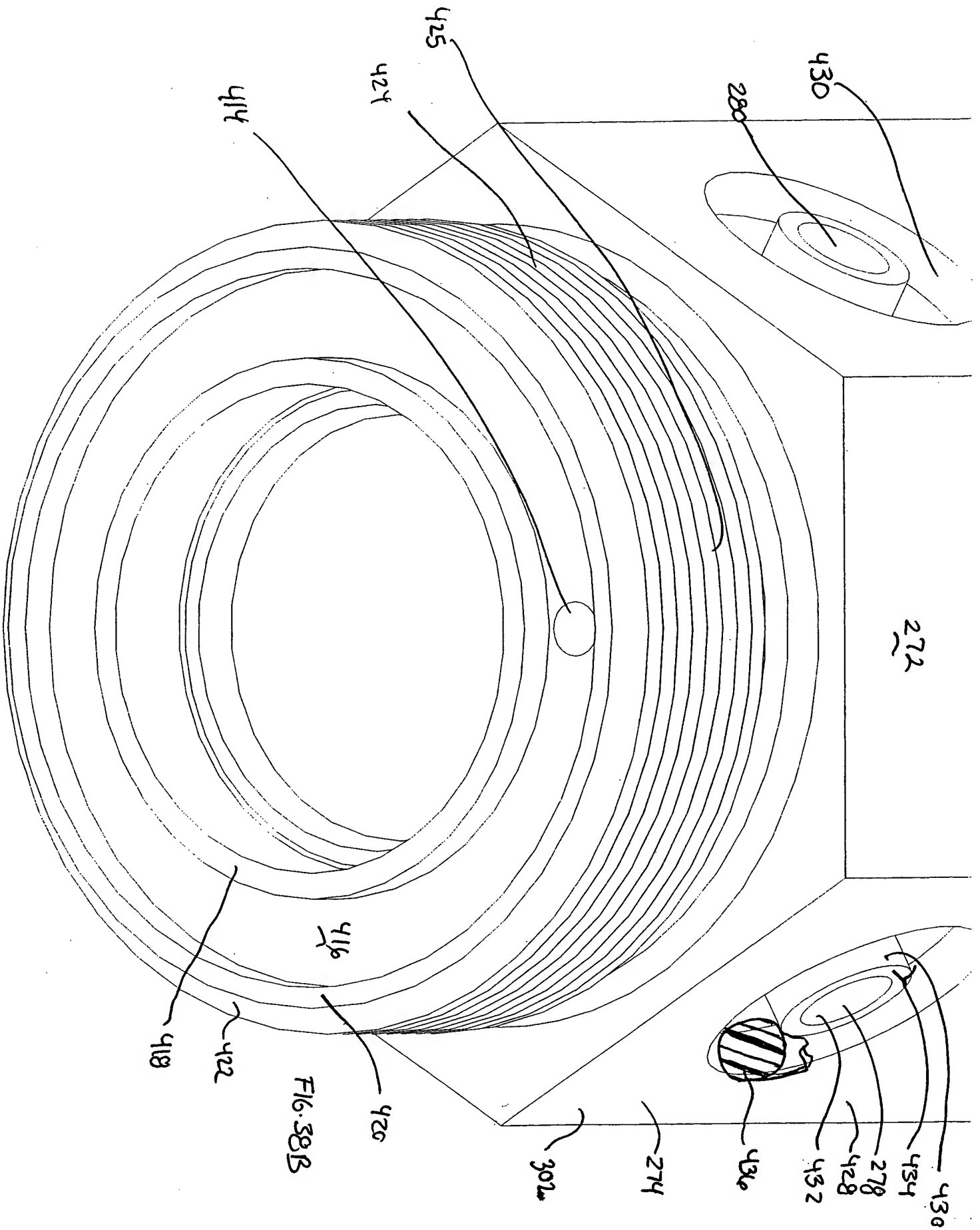
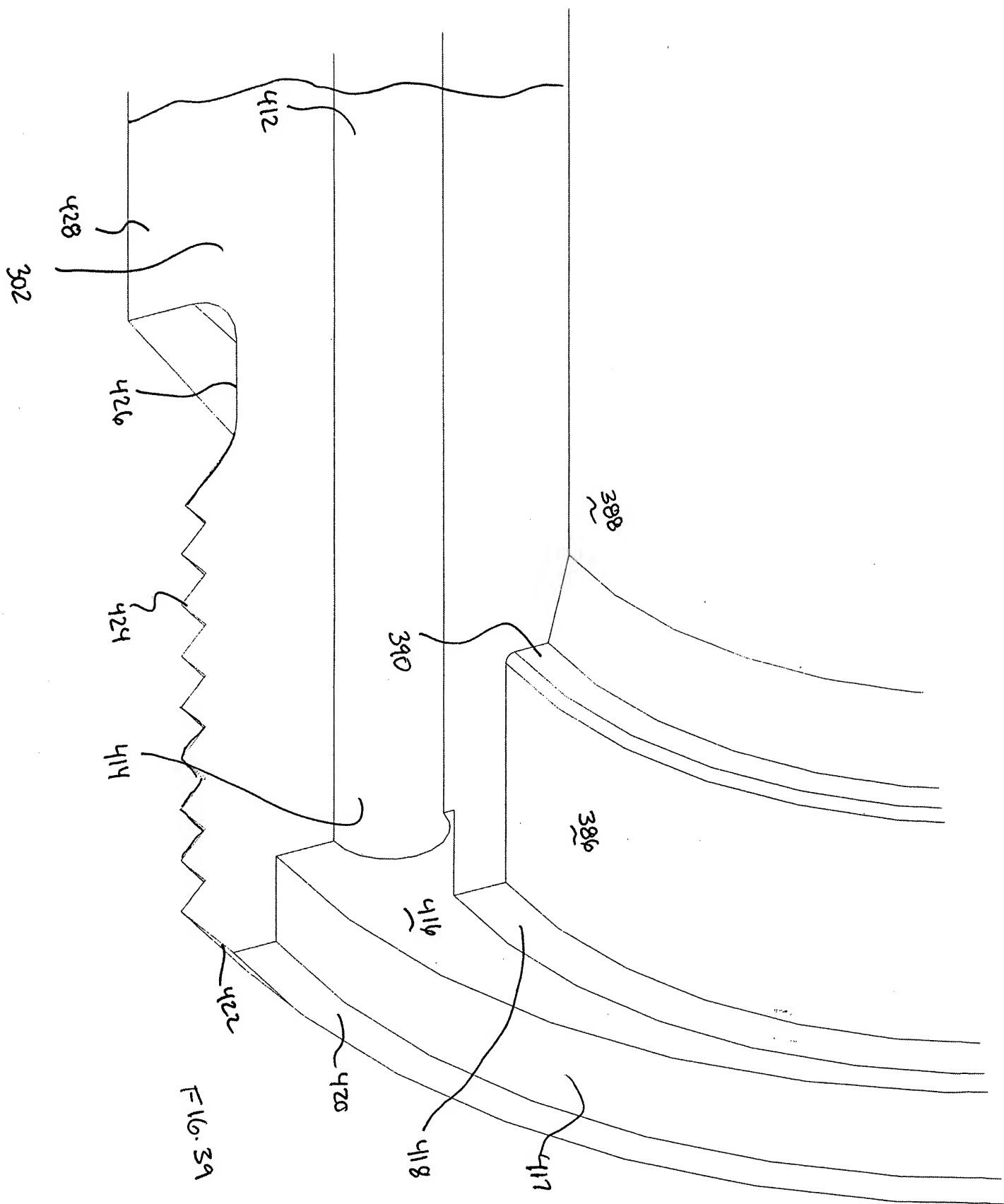


FIG. 3914







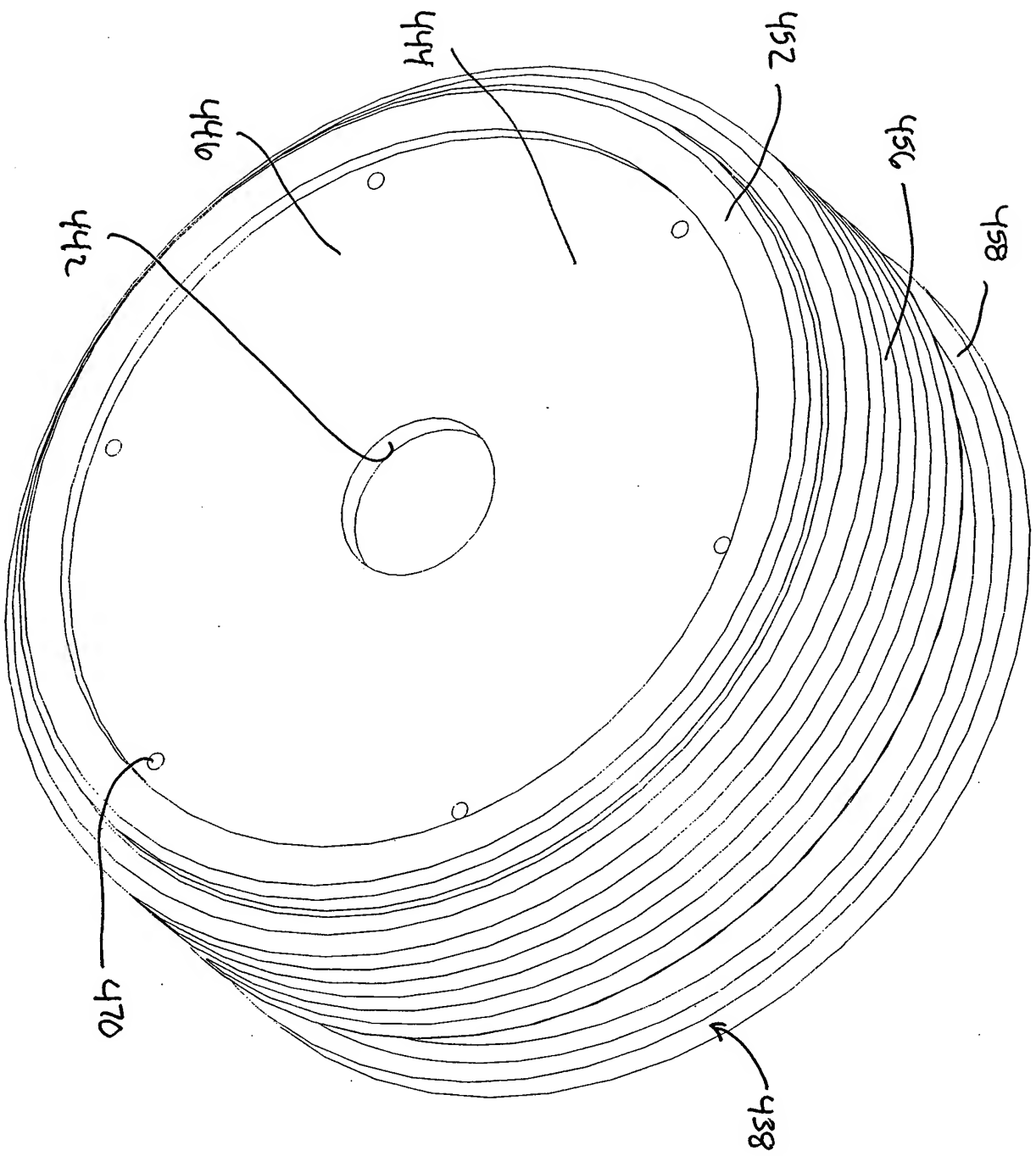


FIG. 40

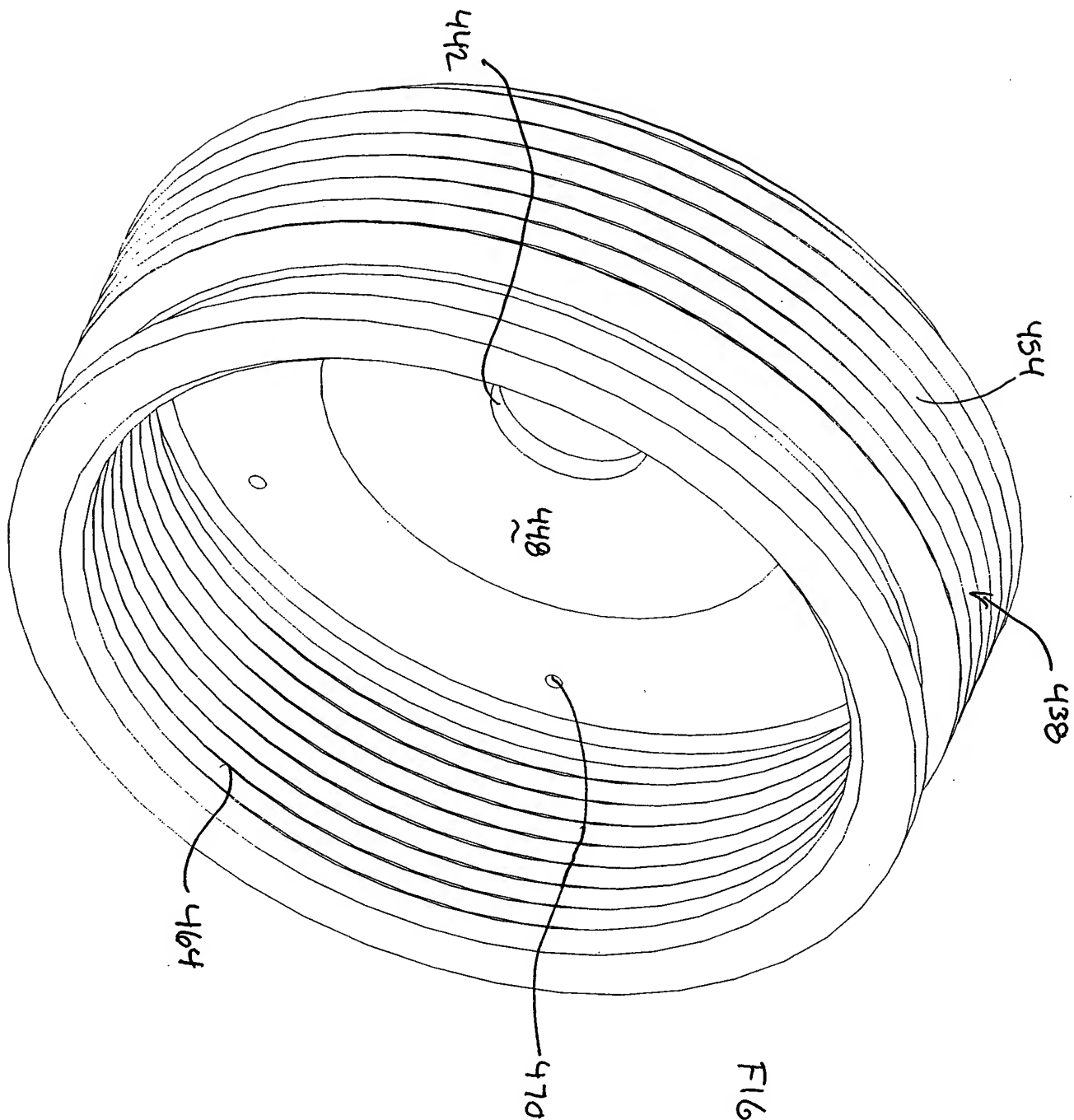
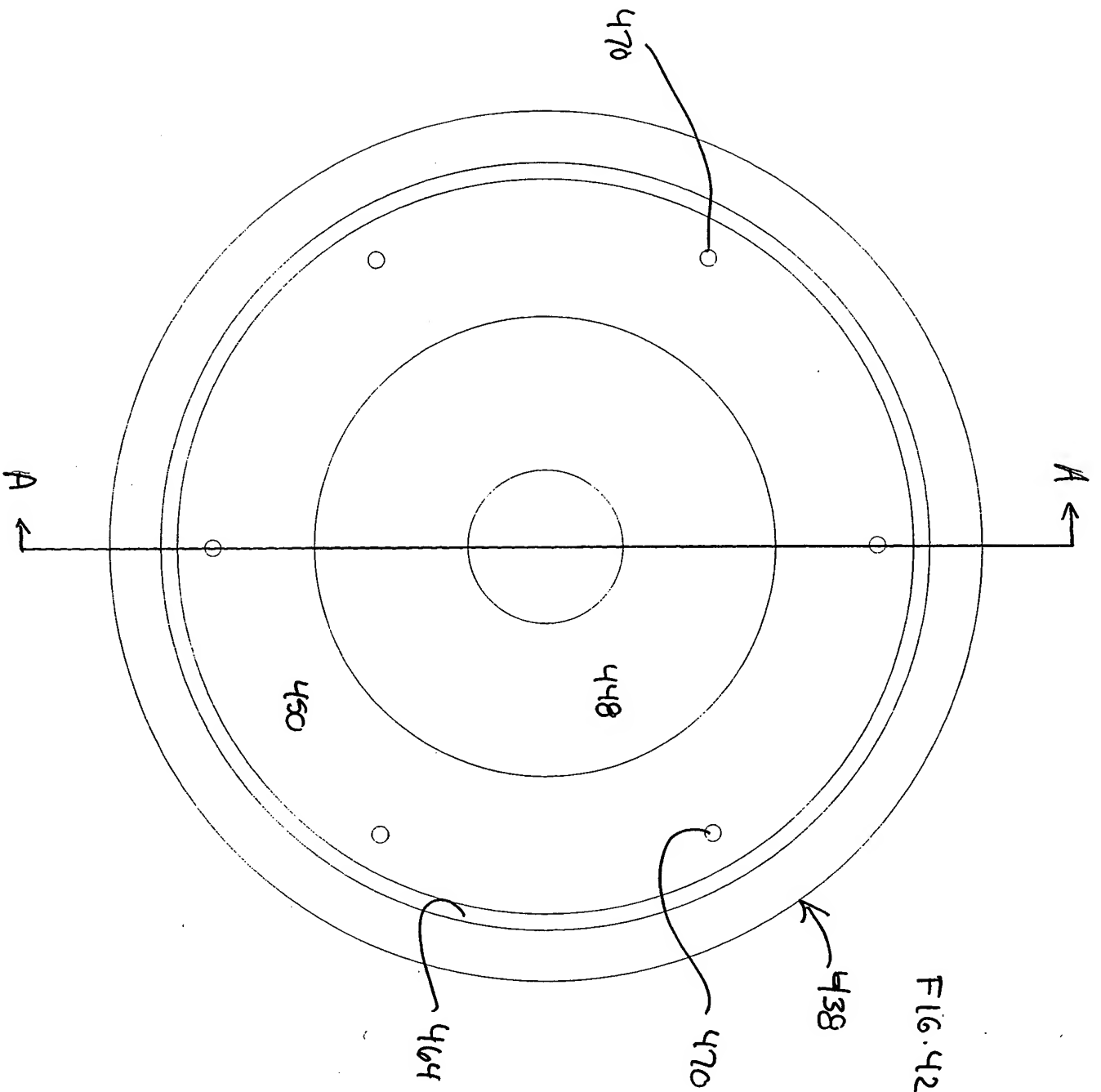
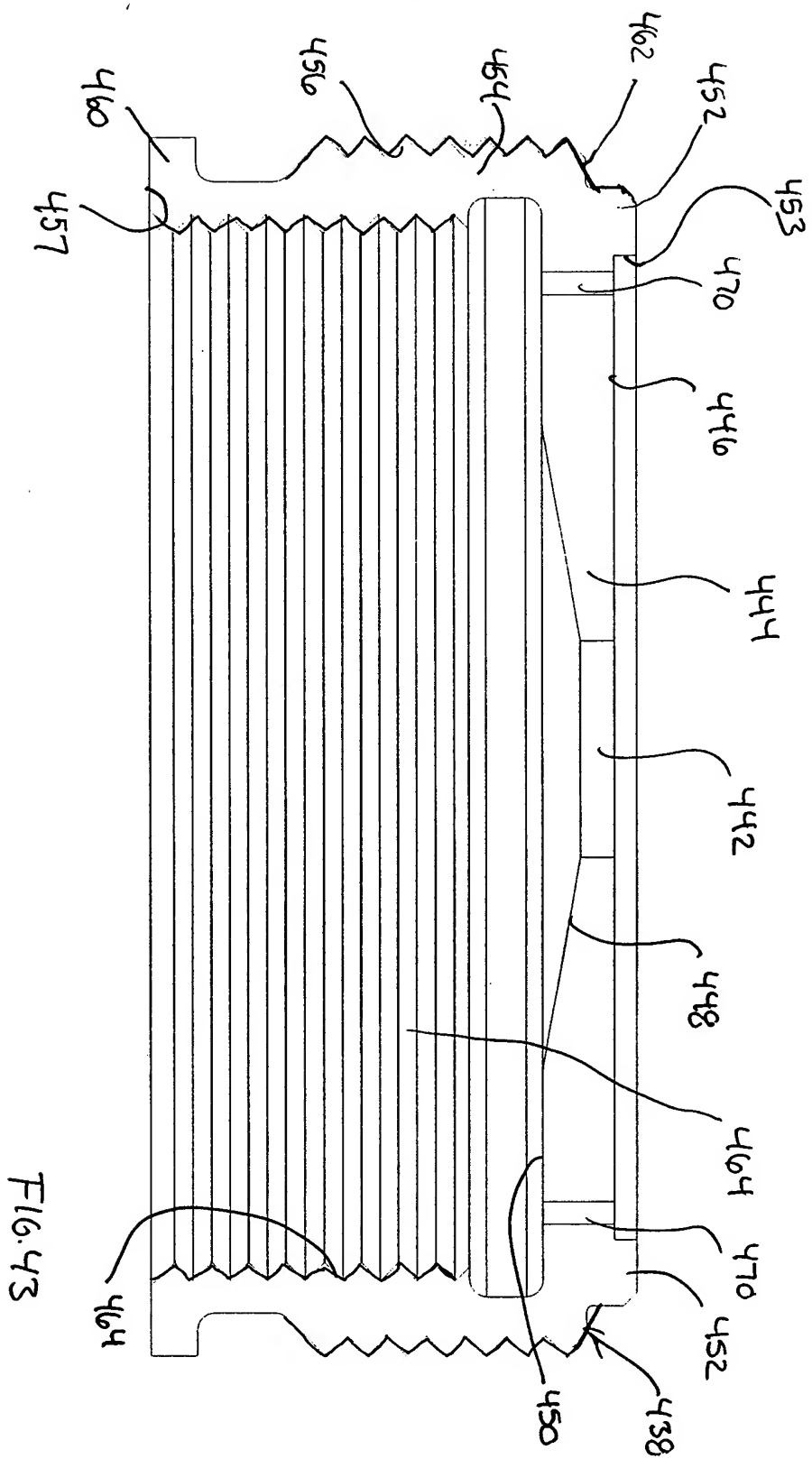


FIG. 41





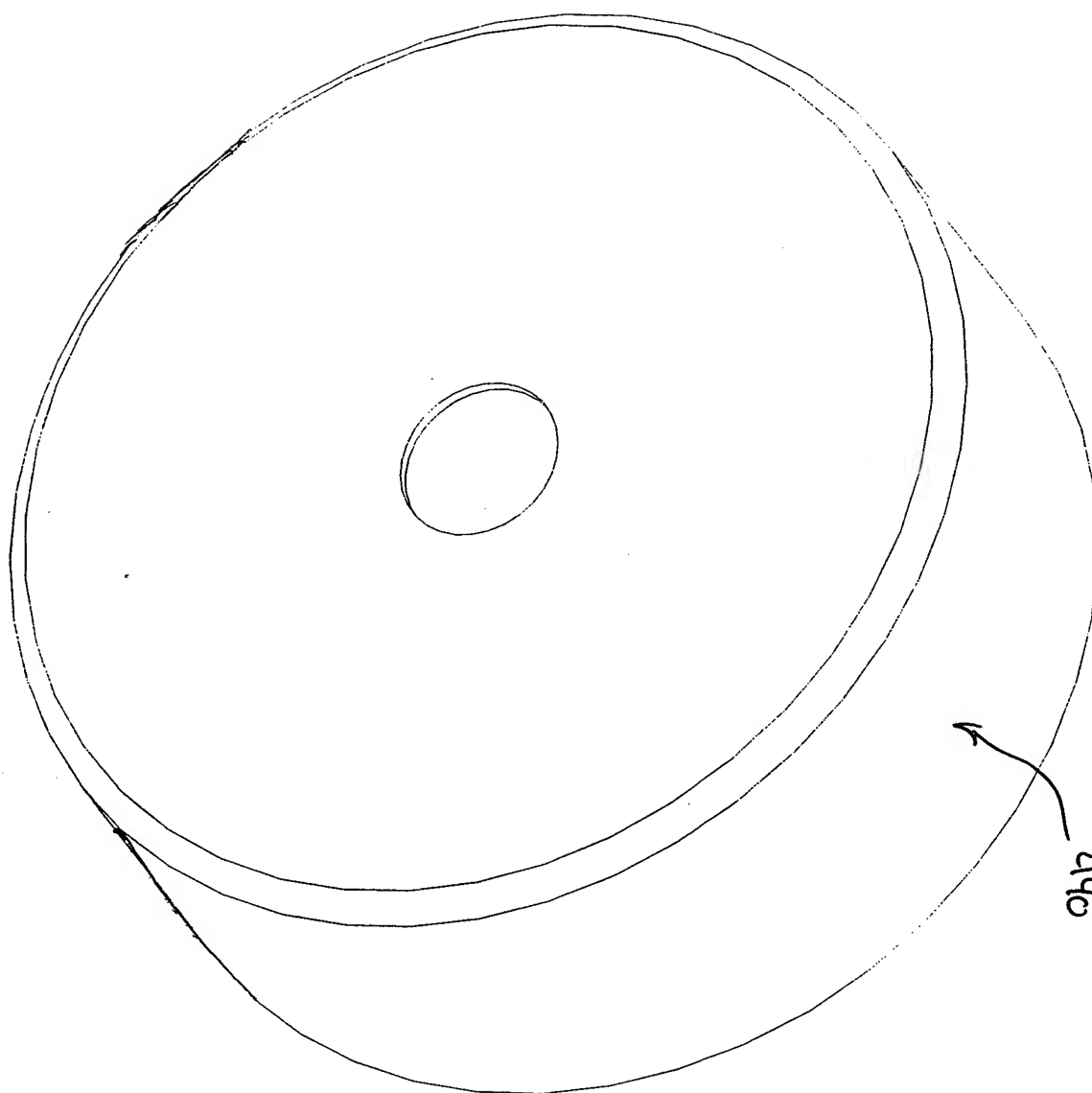


Fig. 44

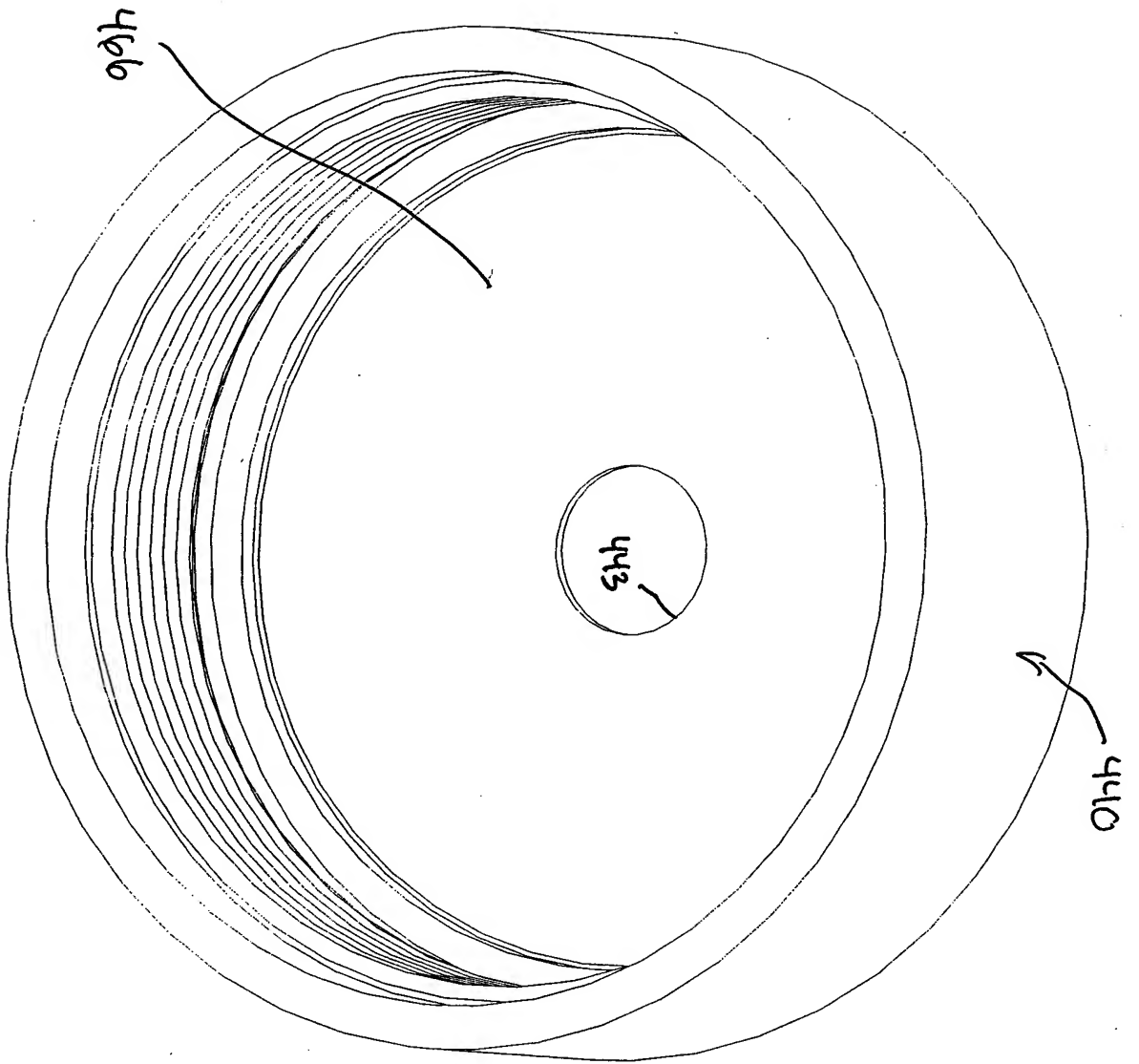


FIG. 45

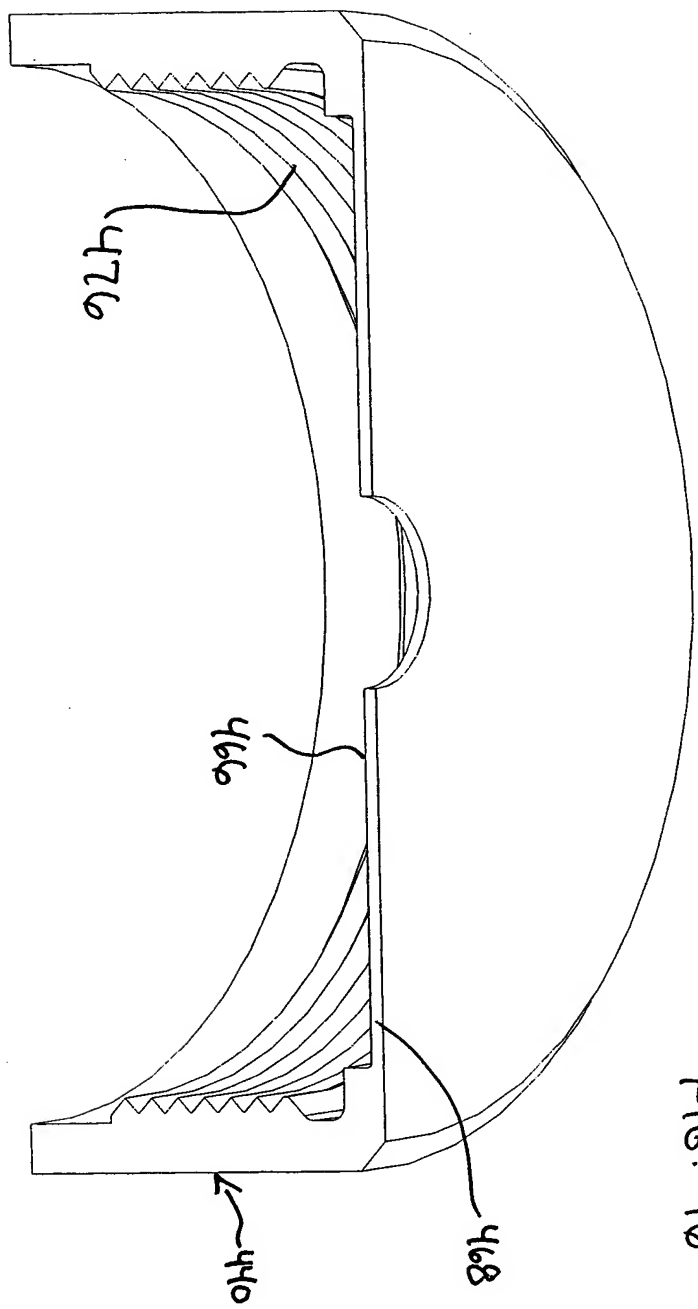


FIG. 46

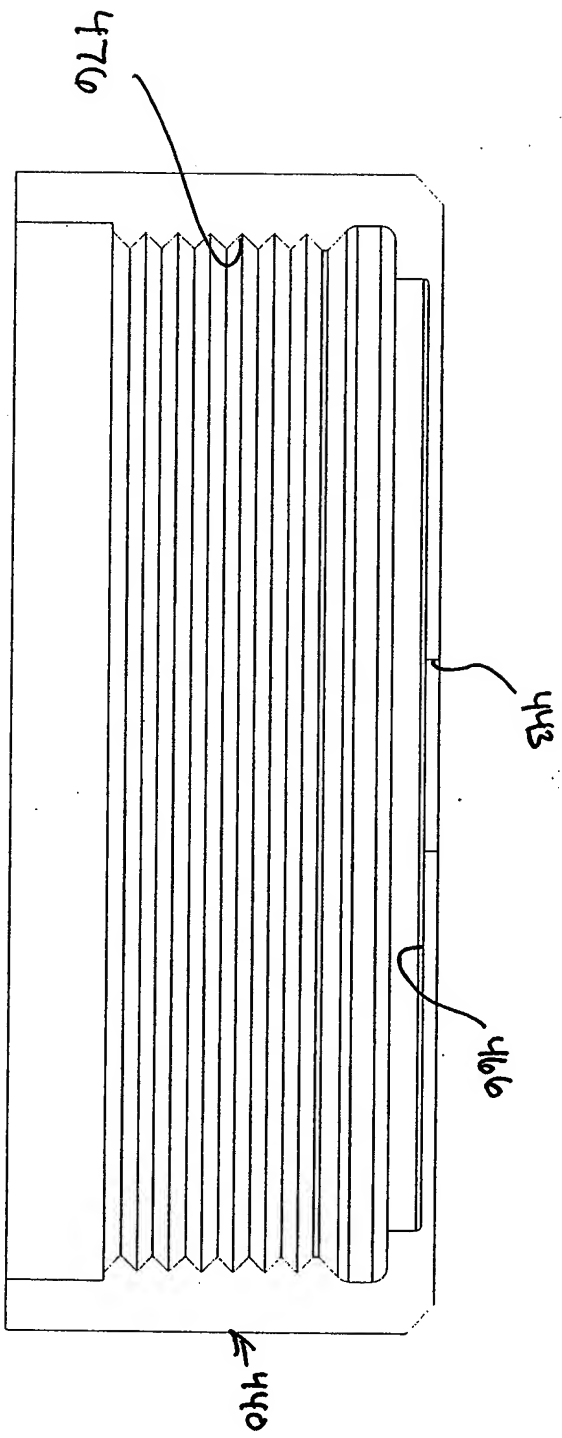


FIG. 47



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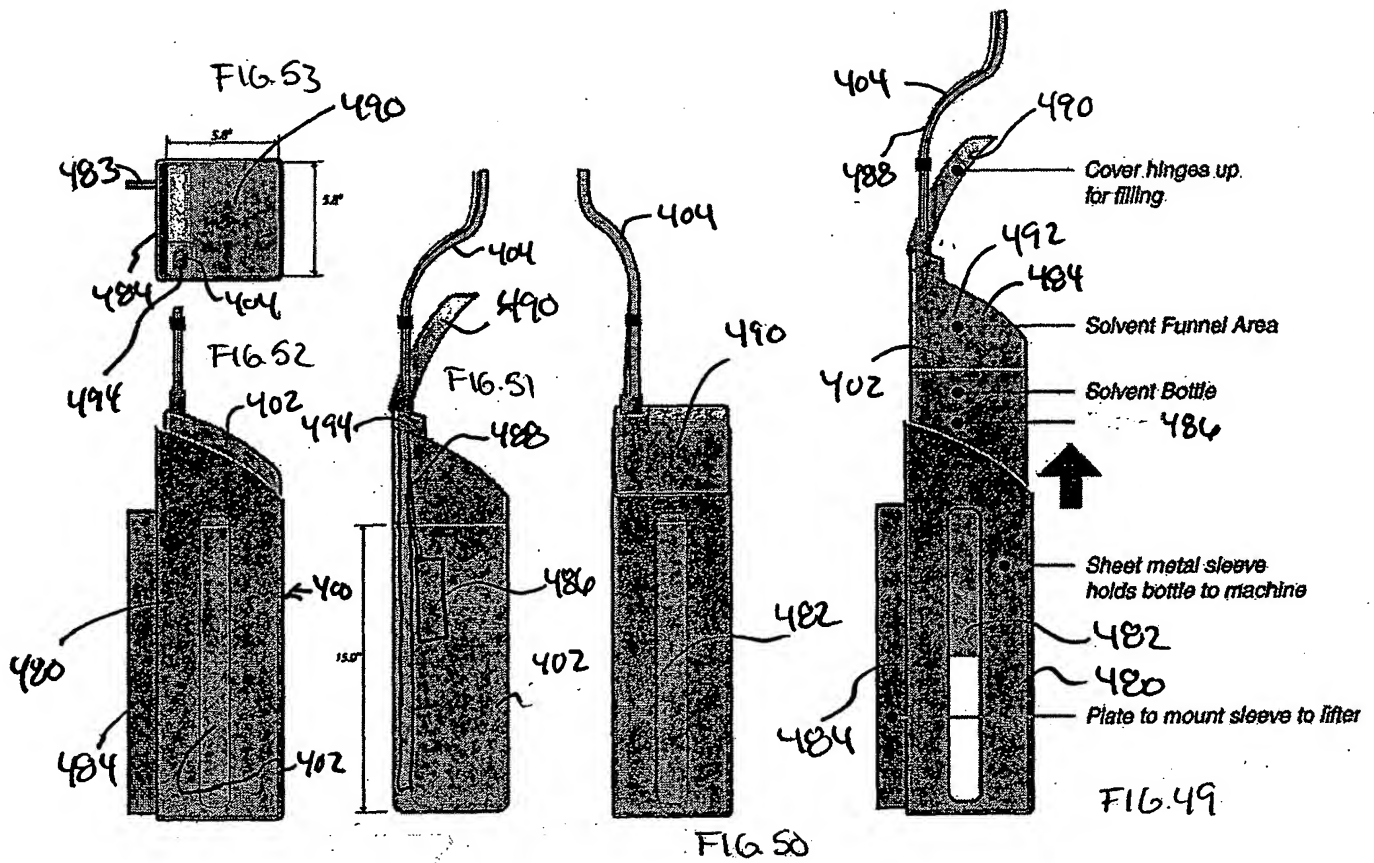
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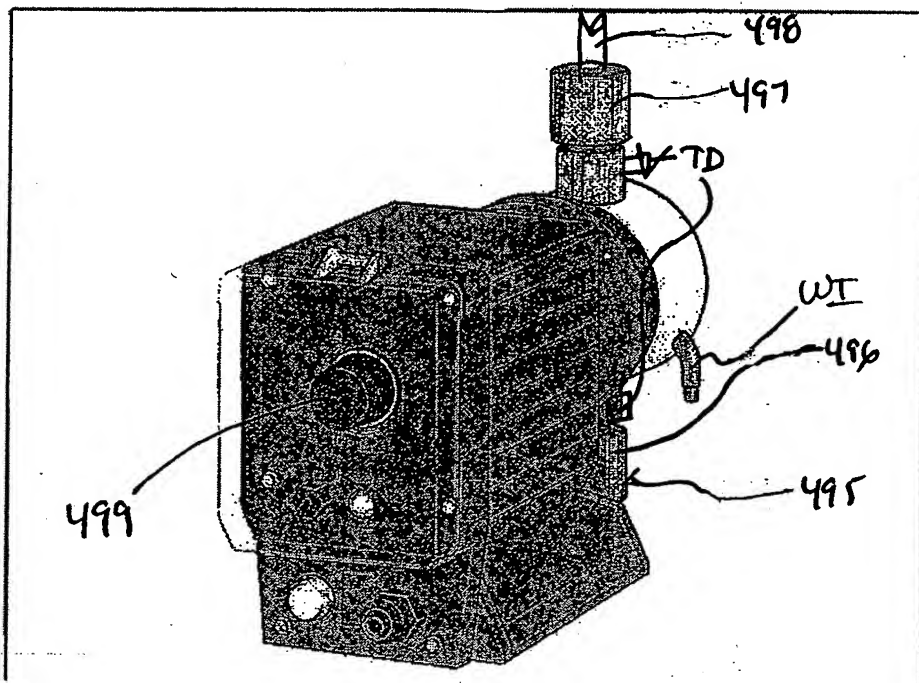


FIG. 54

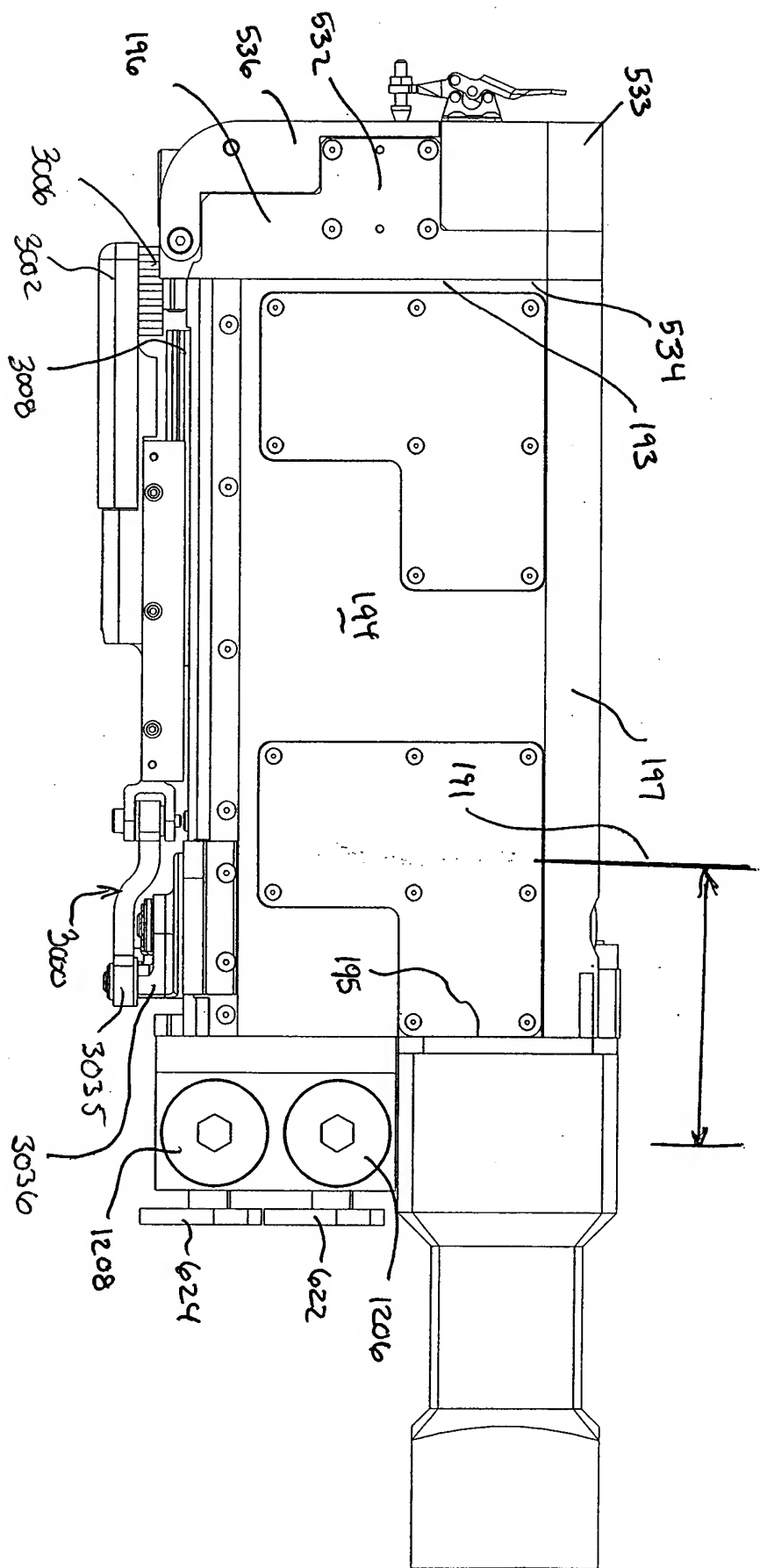


FIG. 55

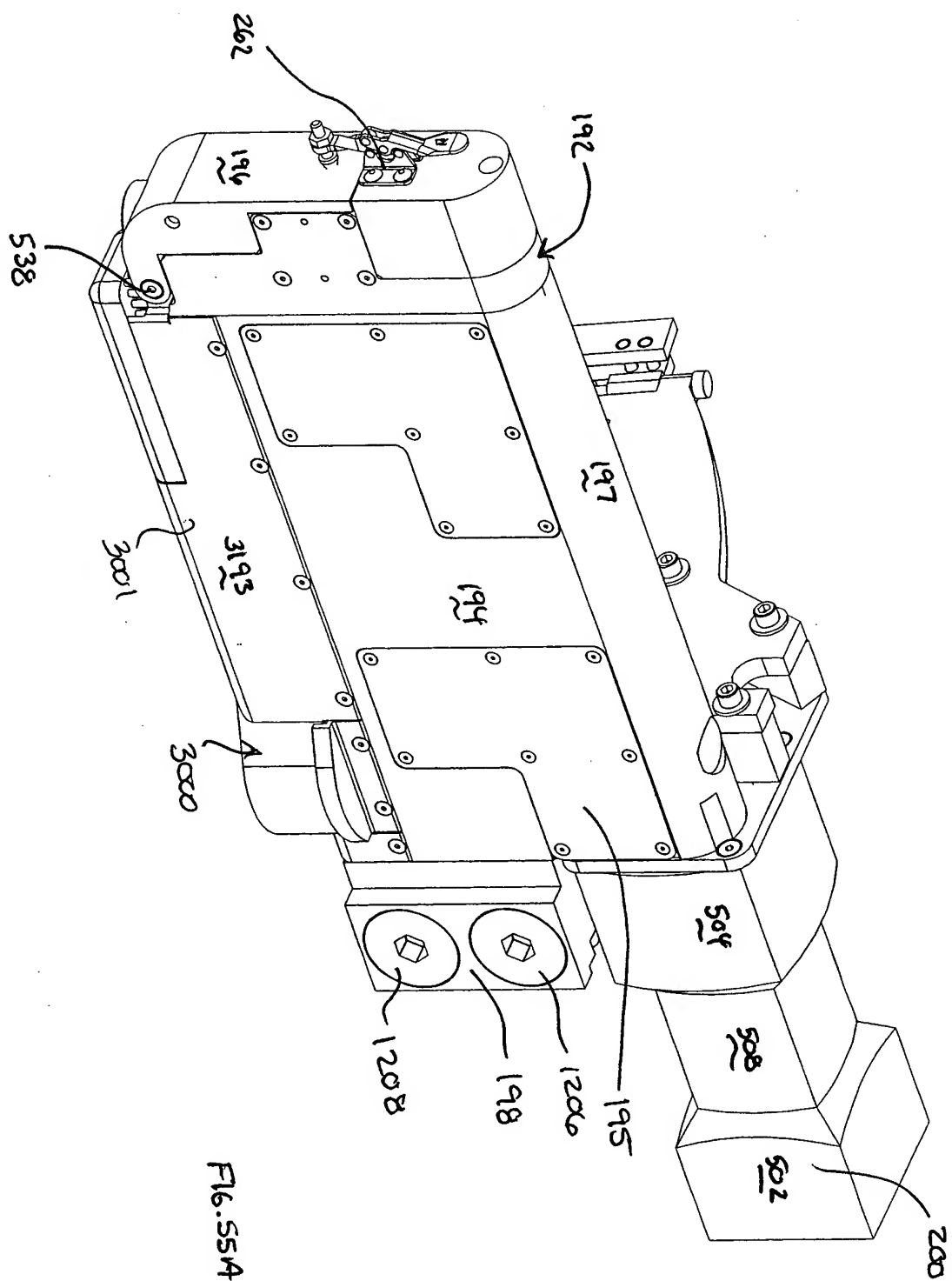


FIG. 554

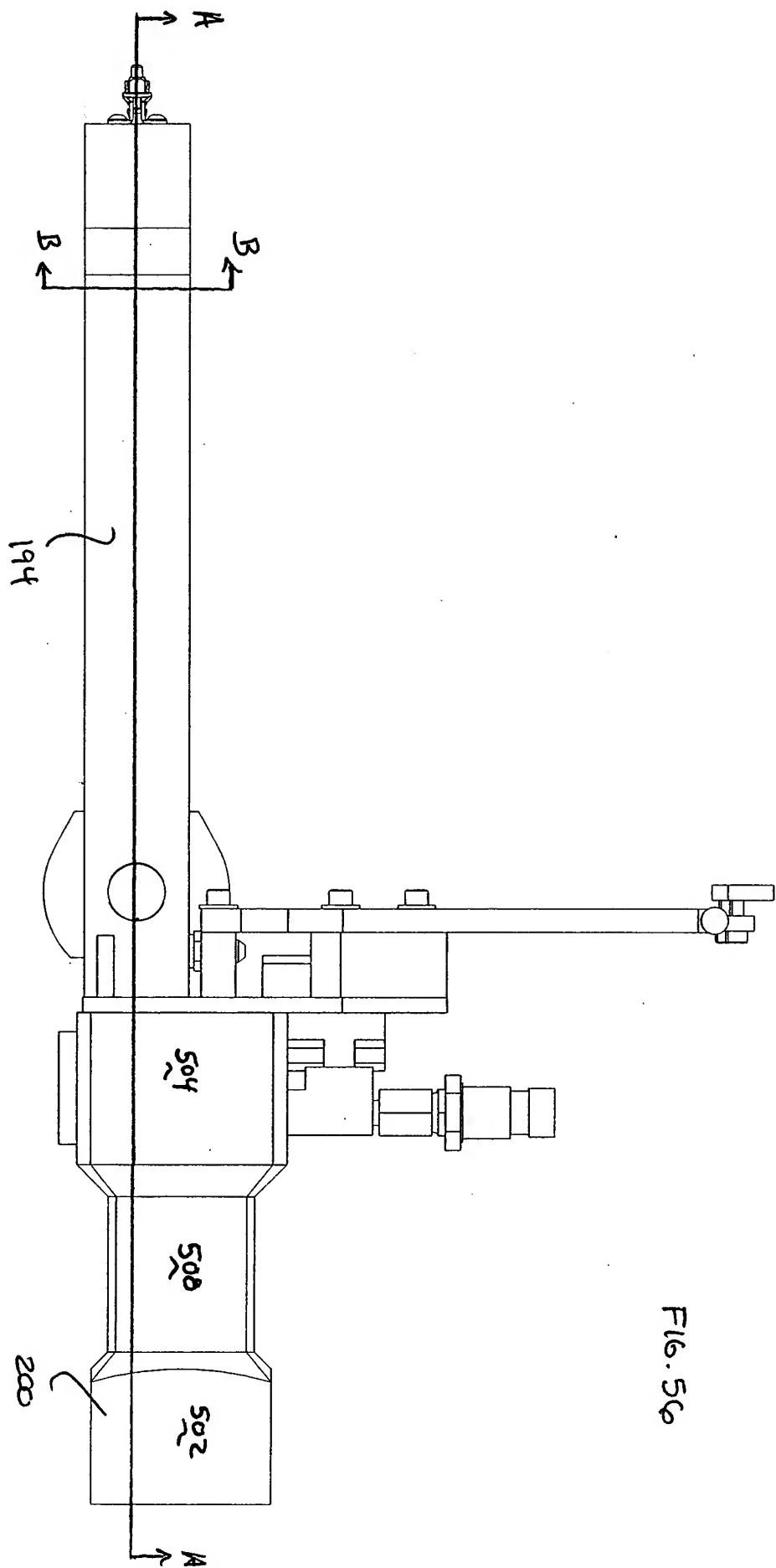


FIG. 5C

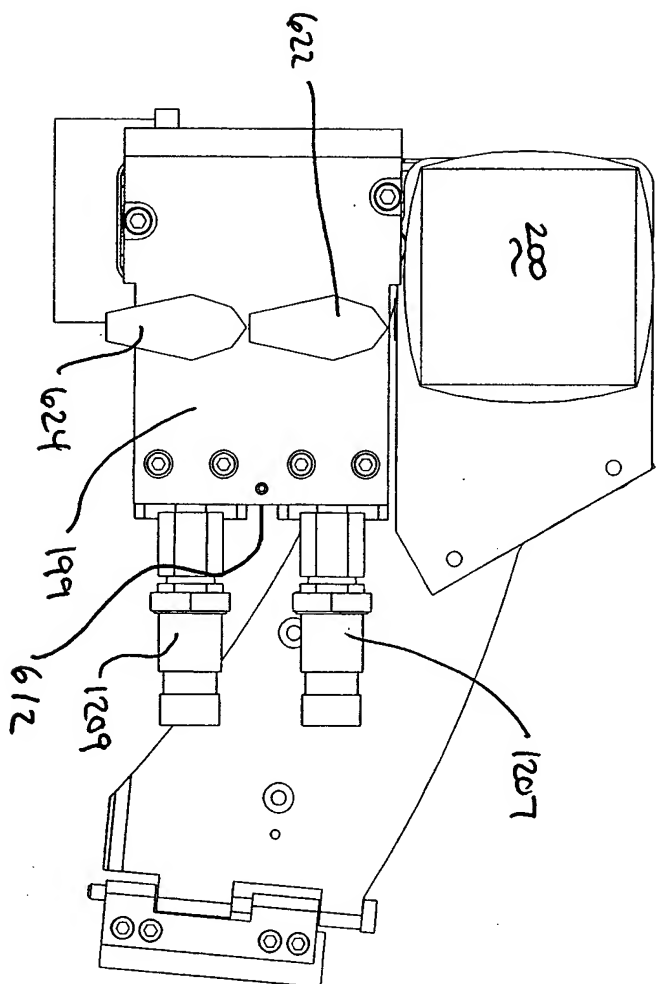


FIG. 57

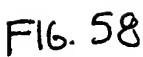
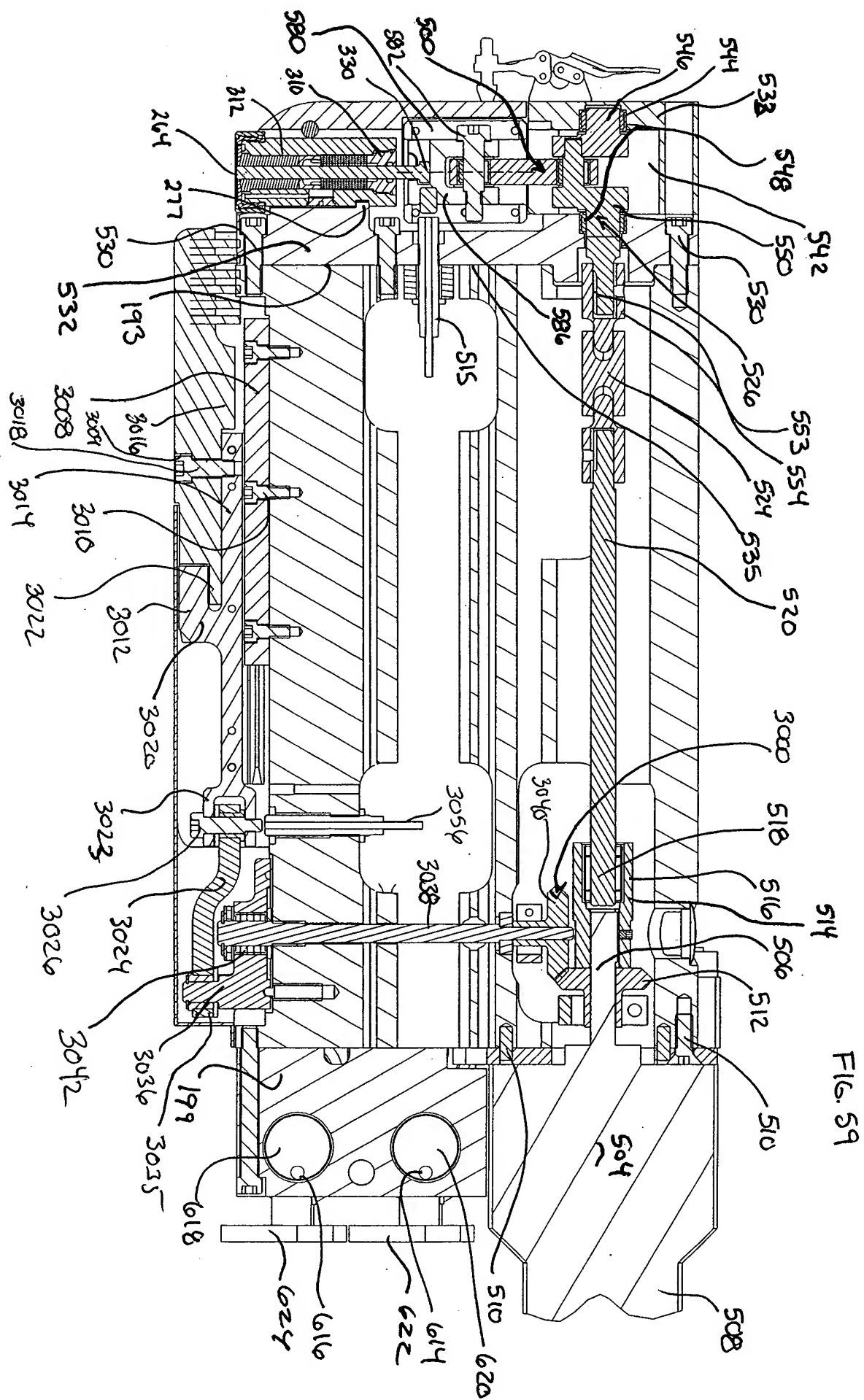


FIG. 58





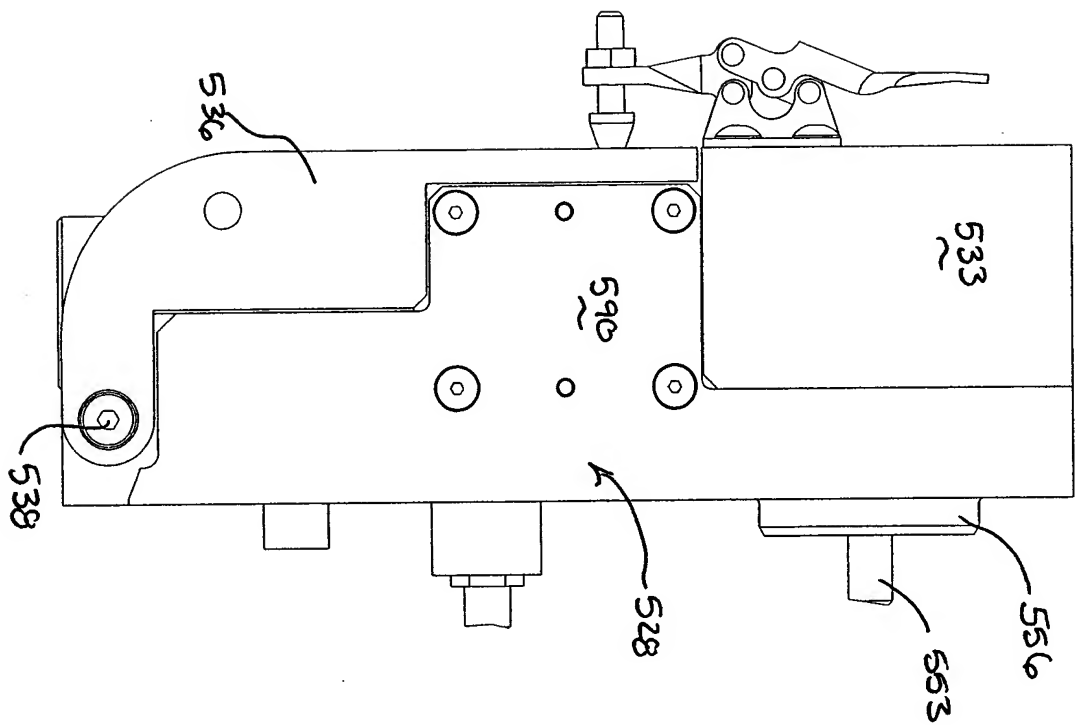


FIG. 60

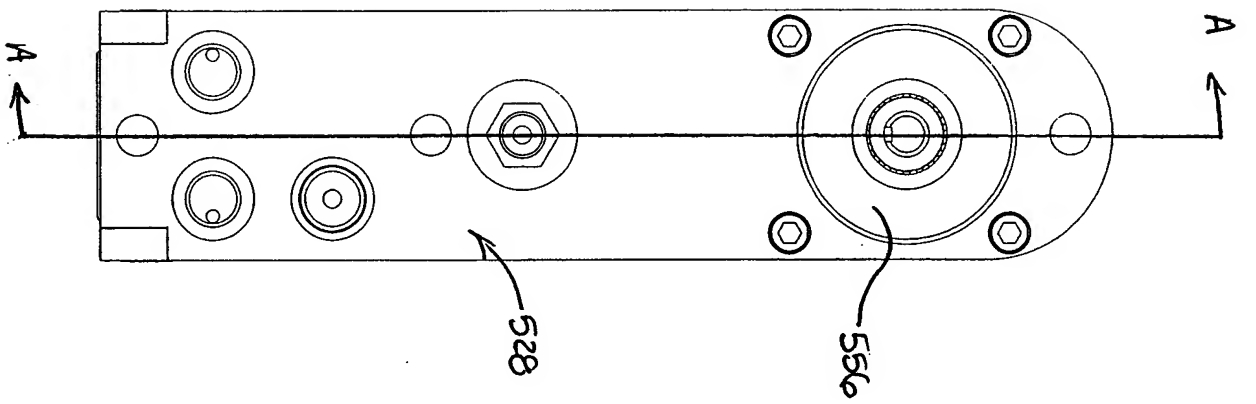


FIG. 61

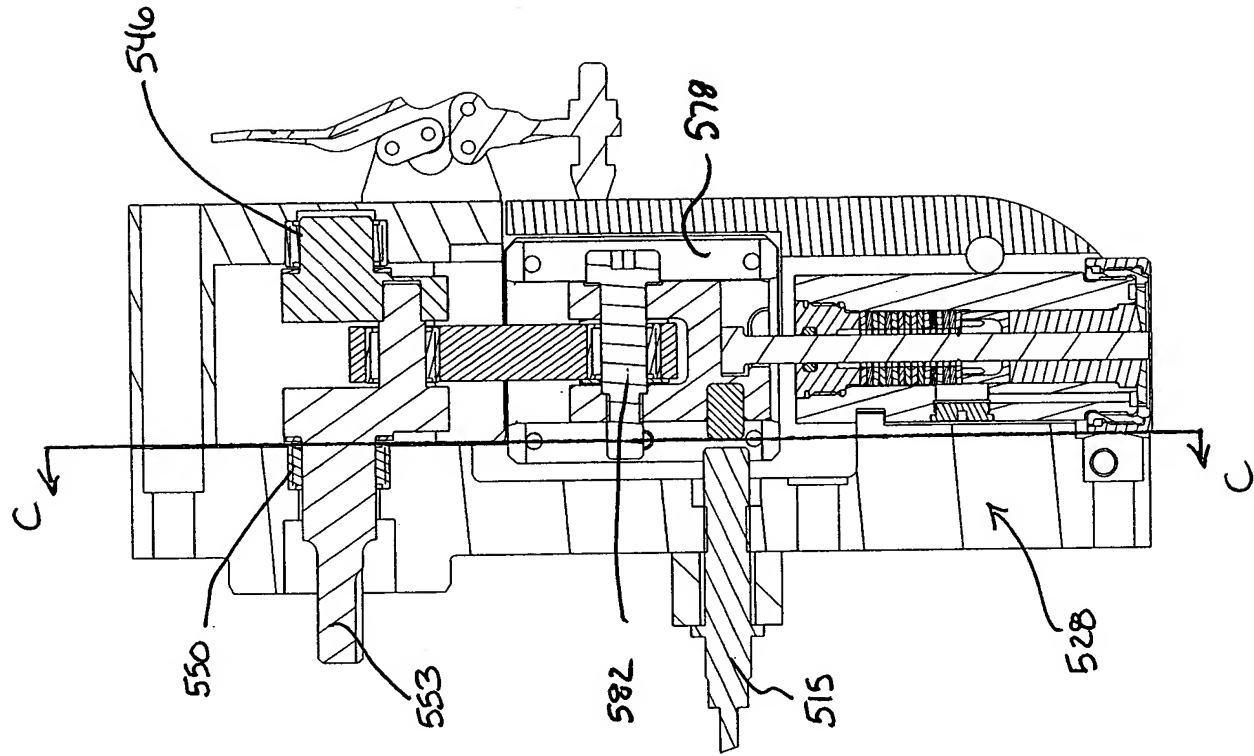
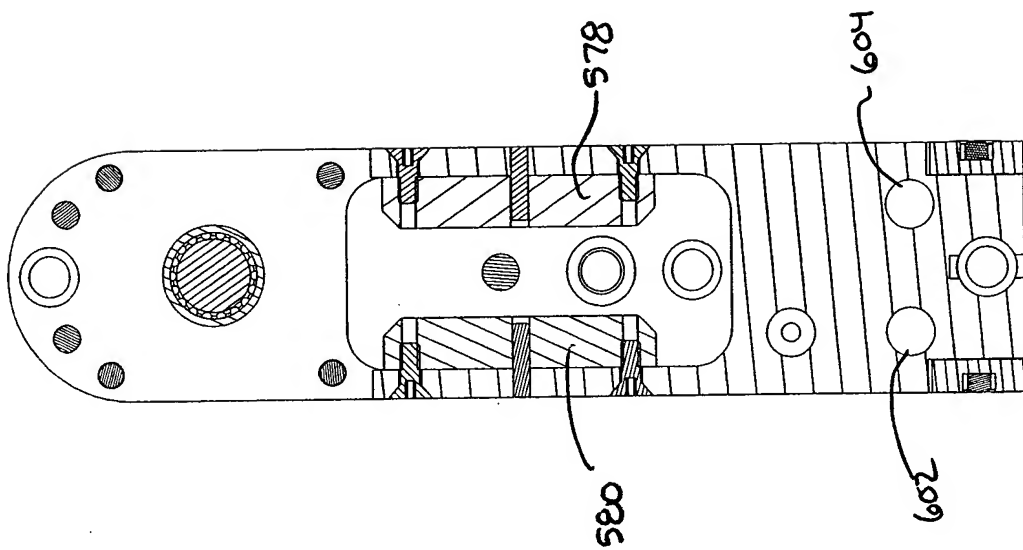


FIG. 62



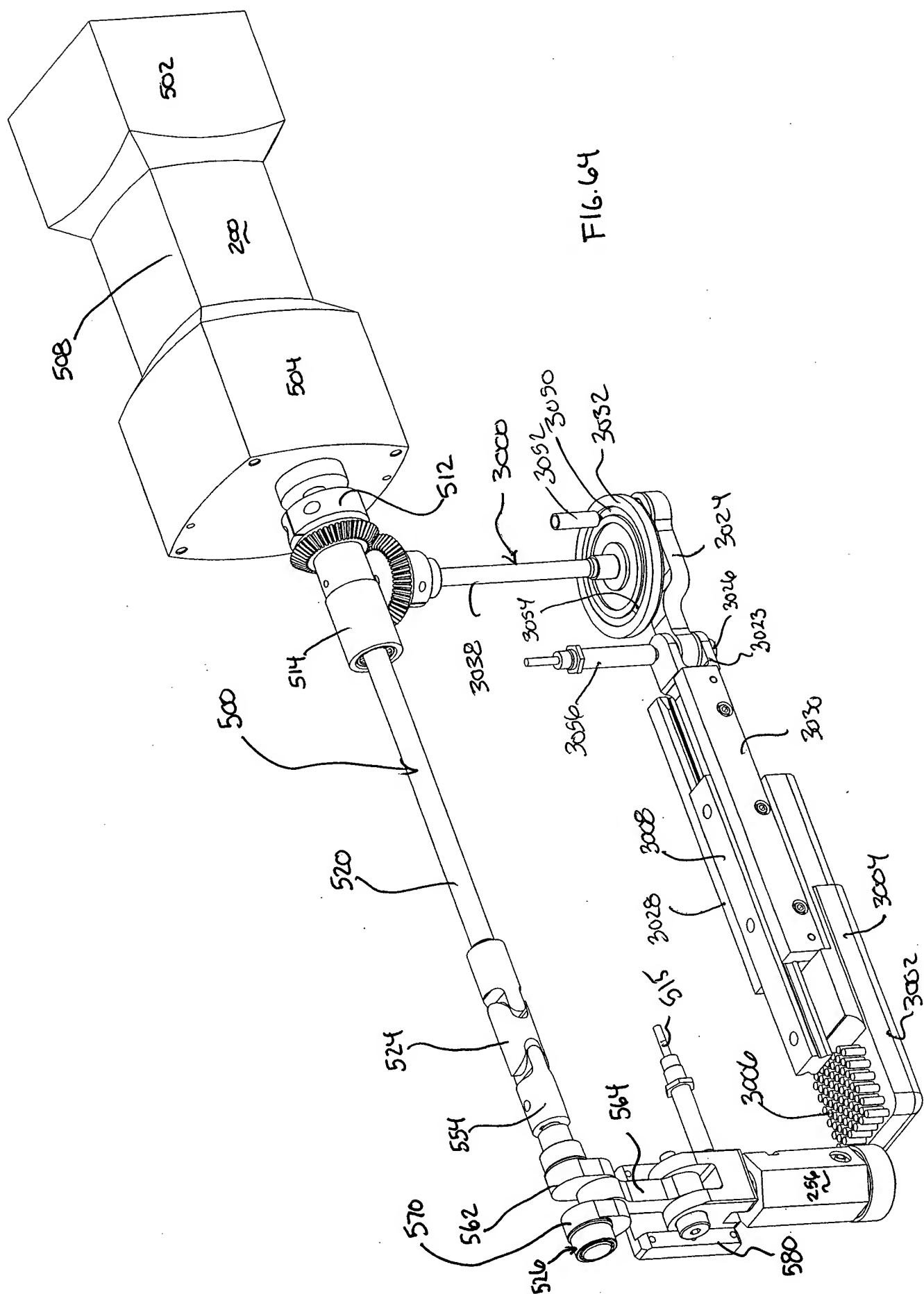
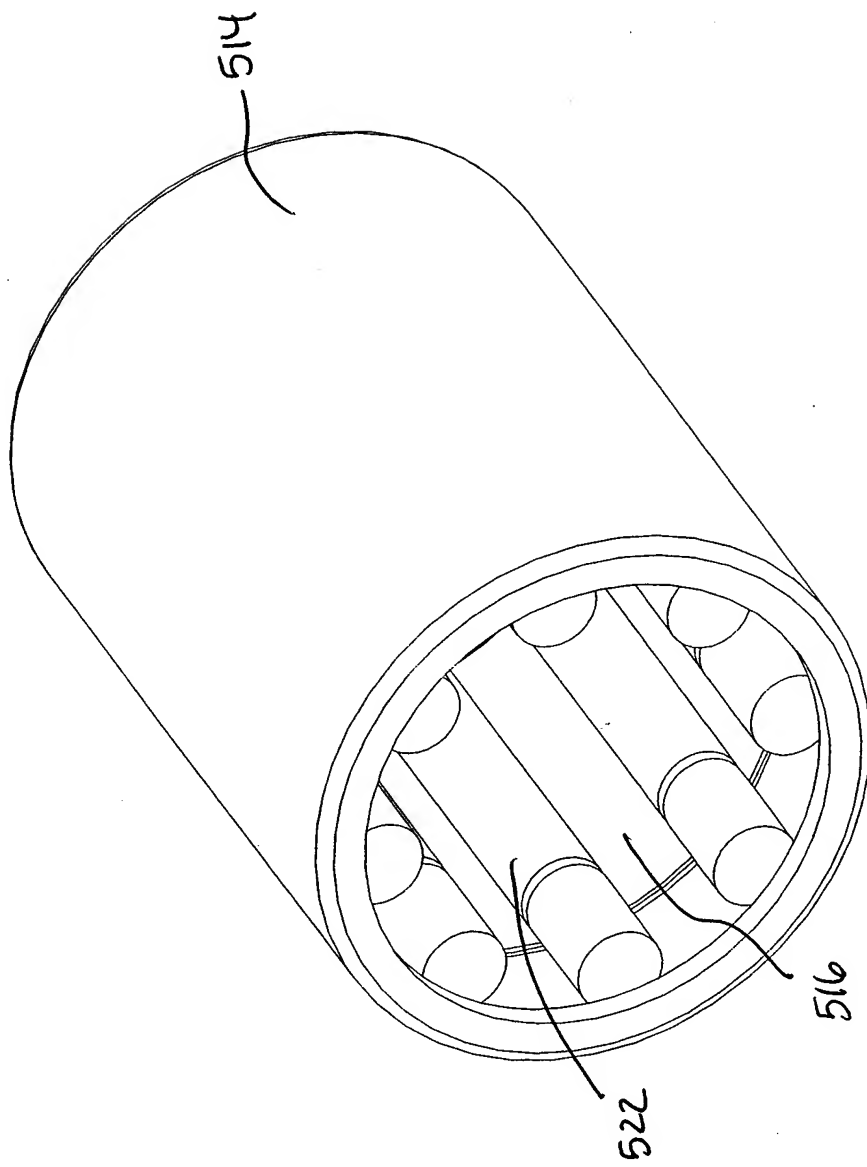


FIG. 65



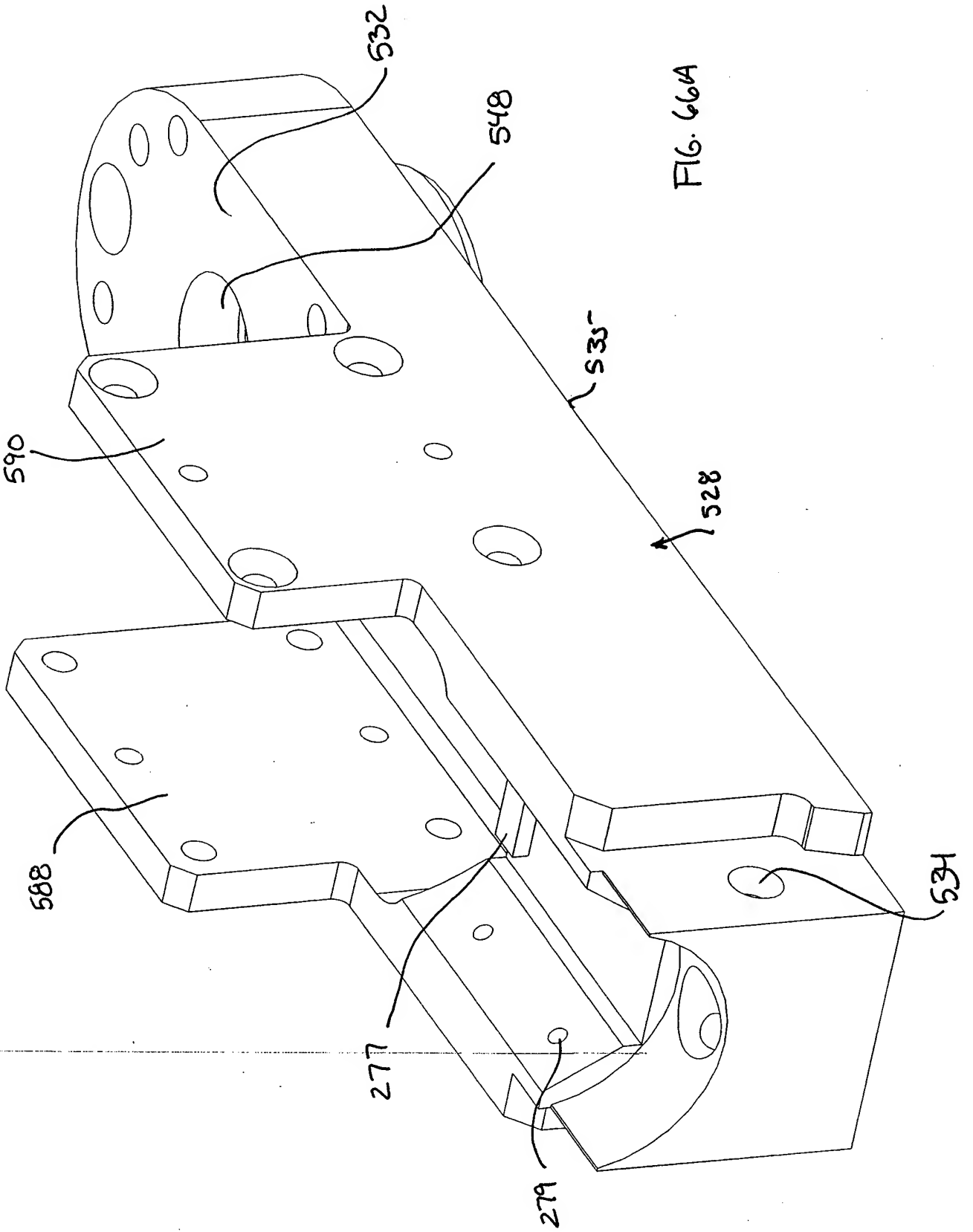


FIG. 66A



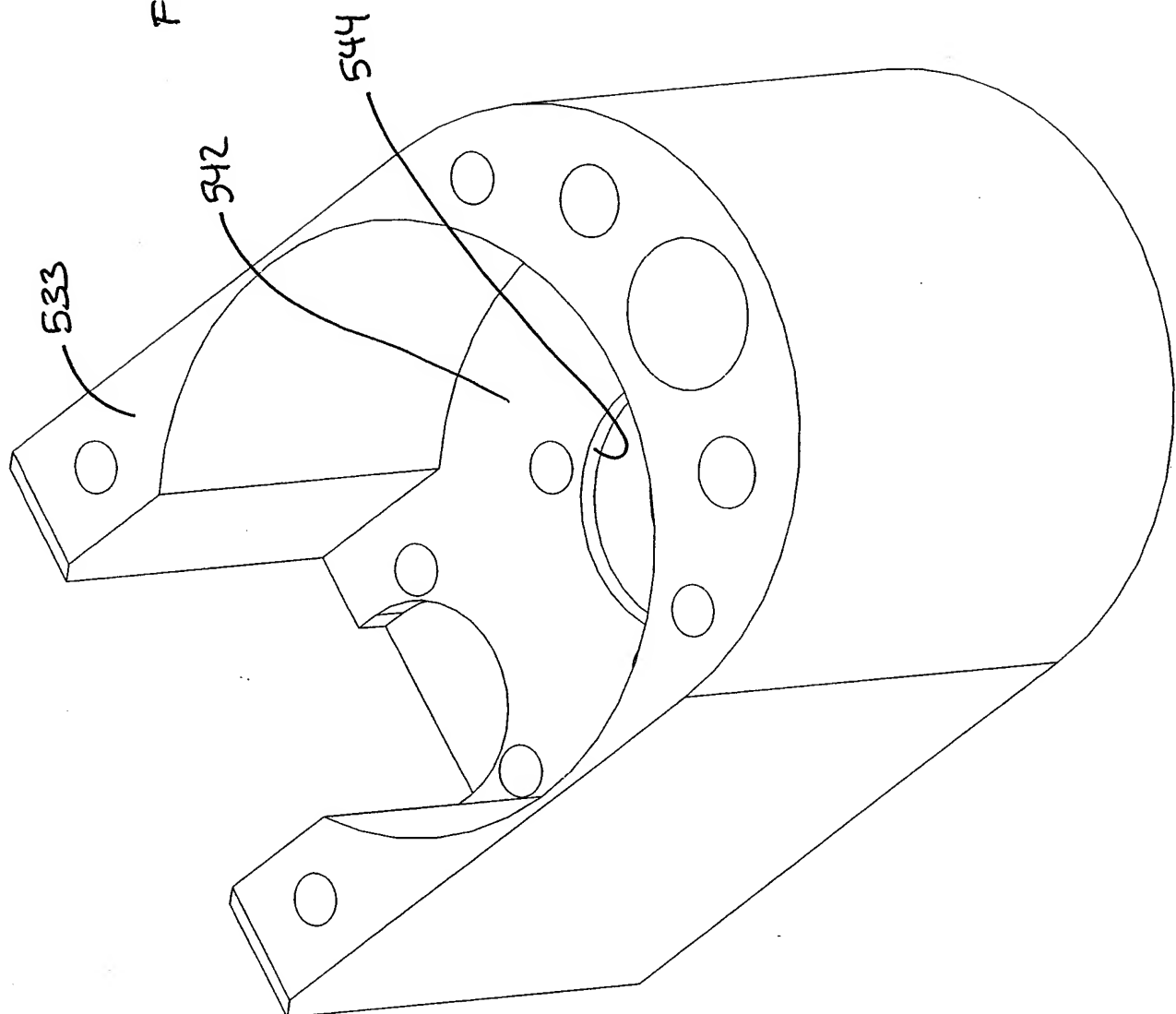


FIG. 66B

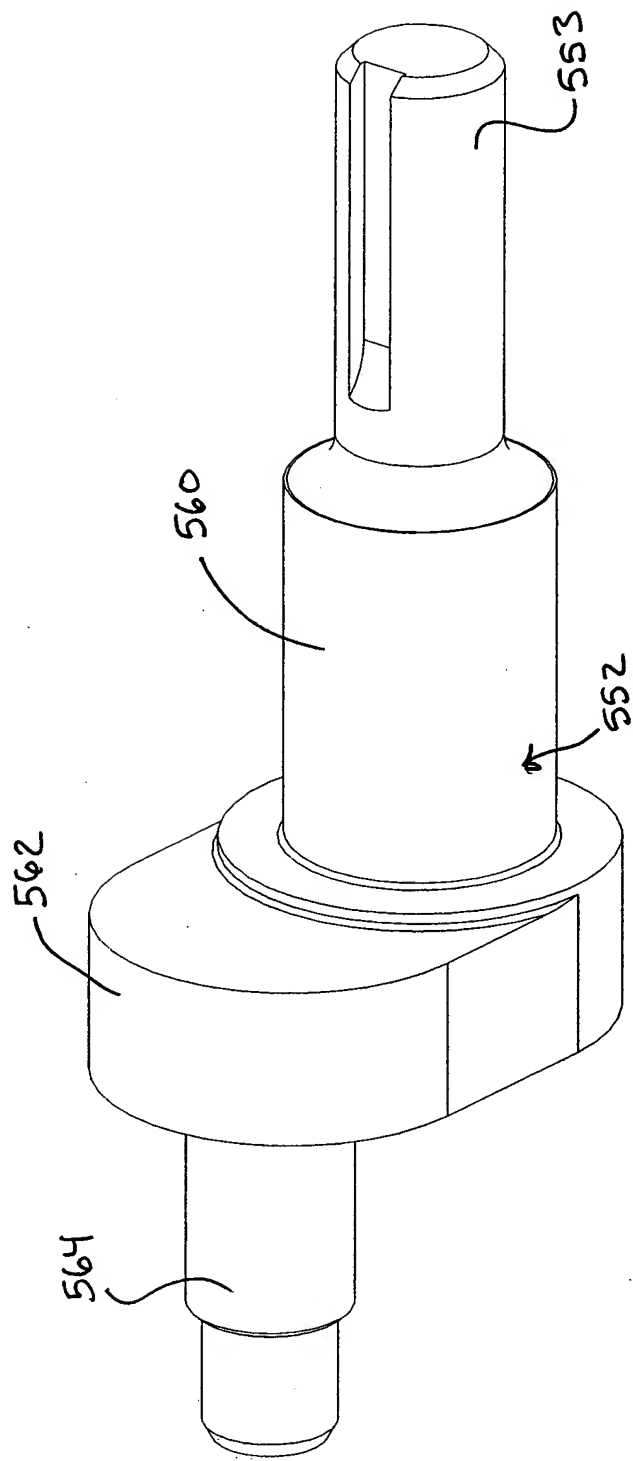


FIG. 67

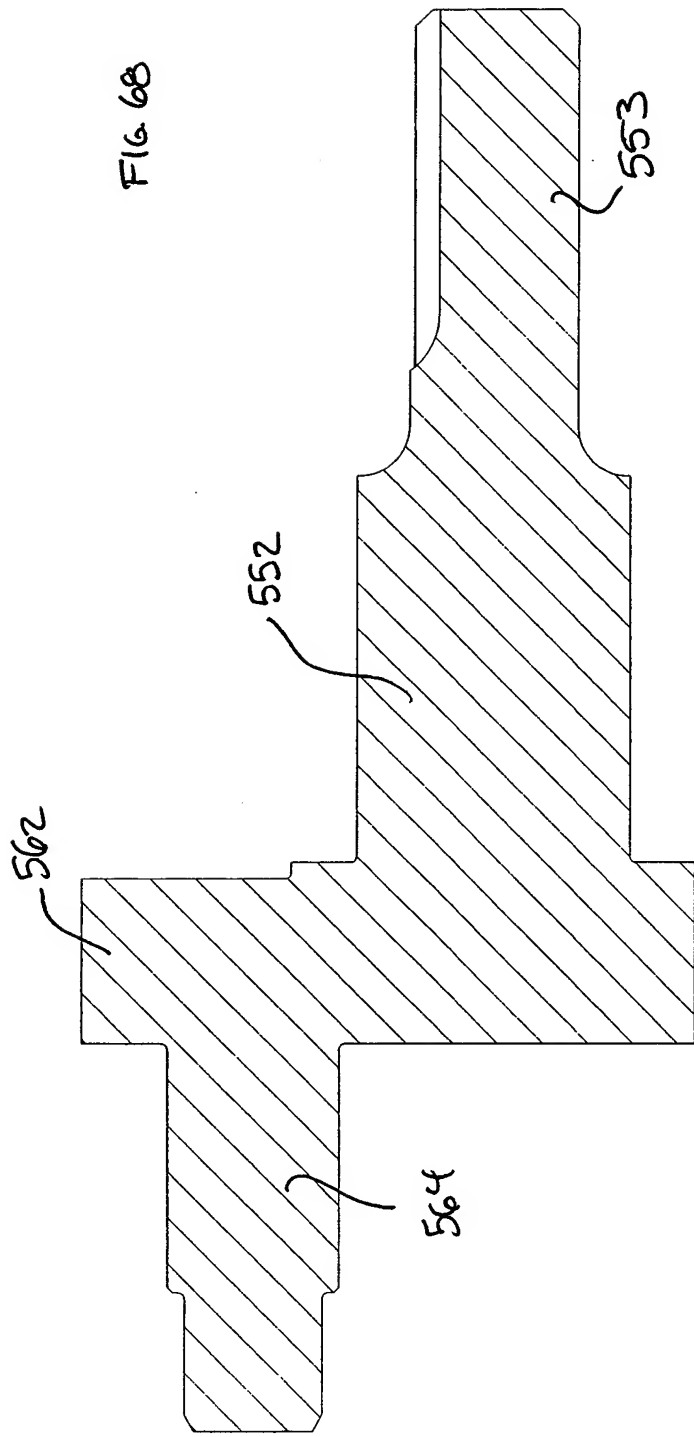


FIG. 68

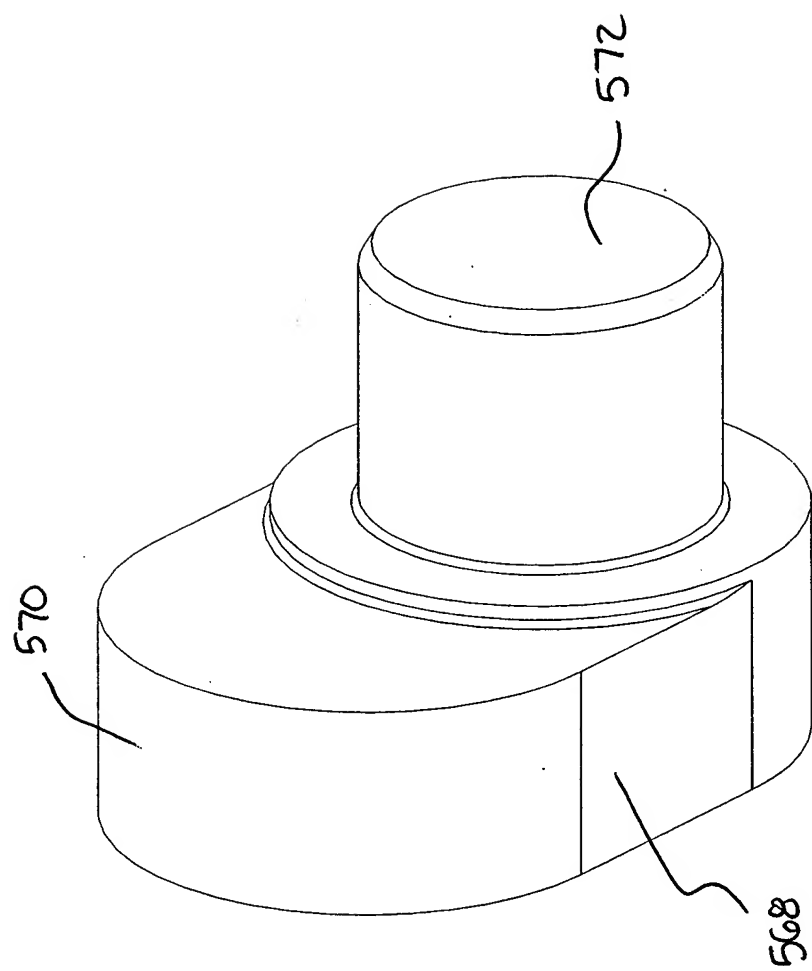


FIG. 69

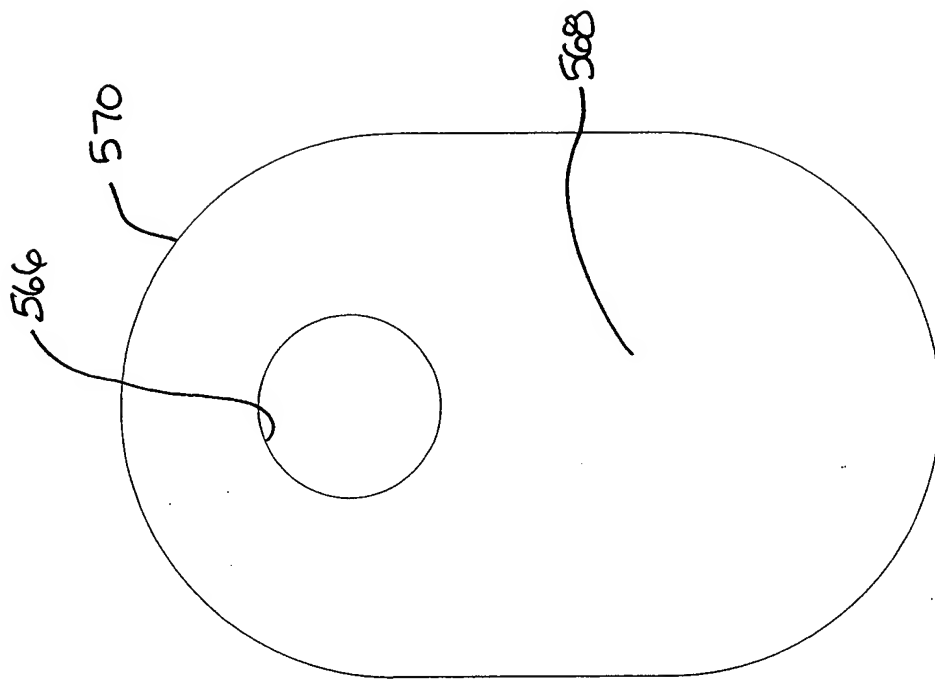


FIG. 70

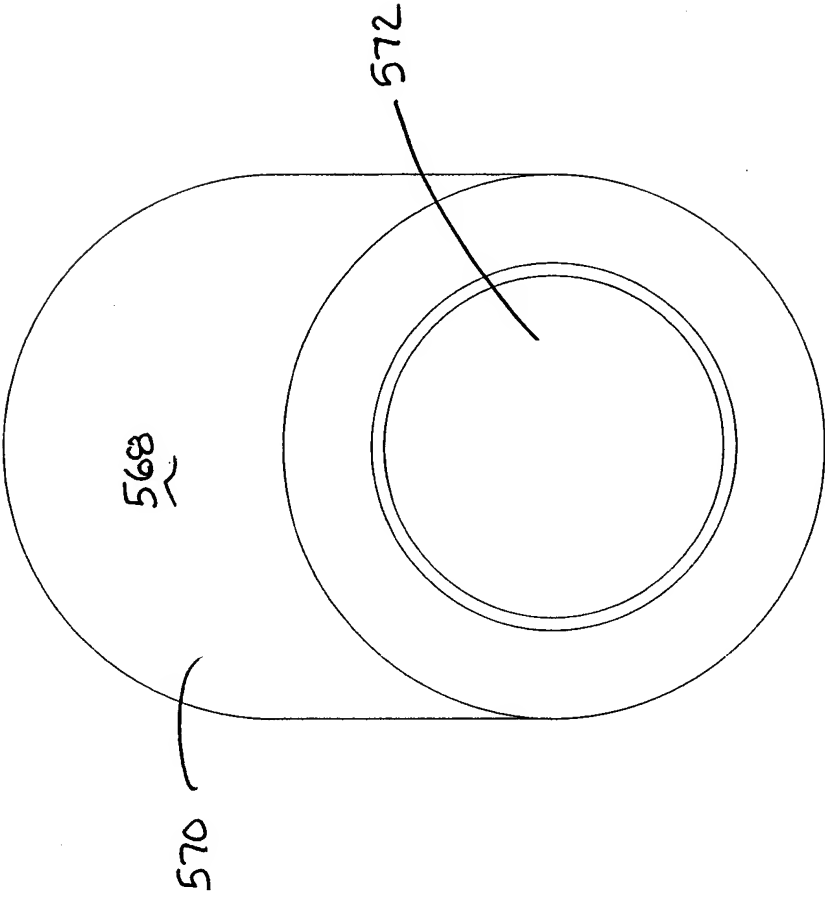
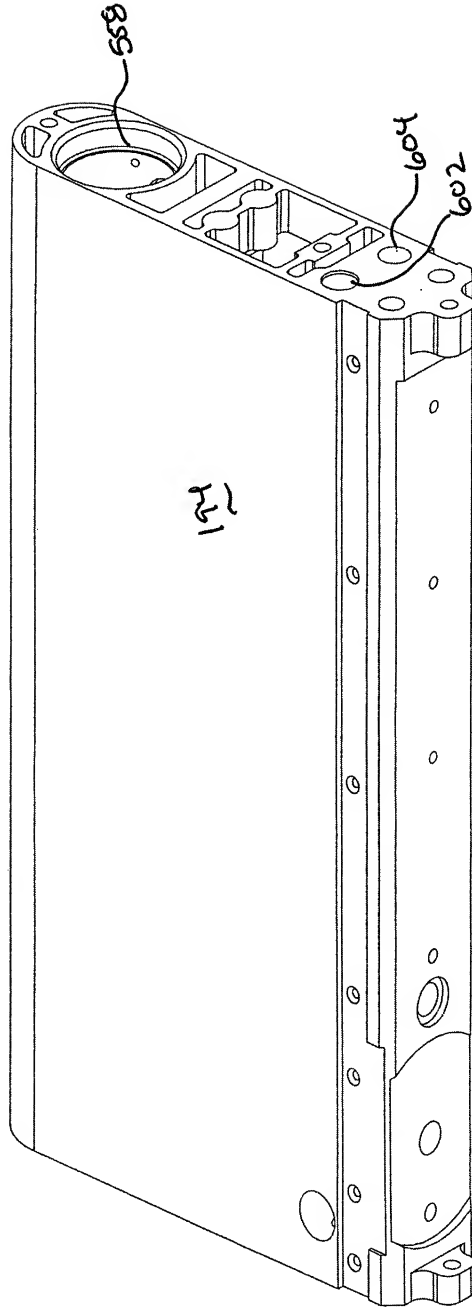


FIG. 71

FIG. 72



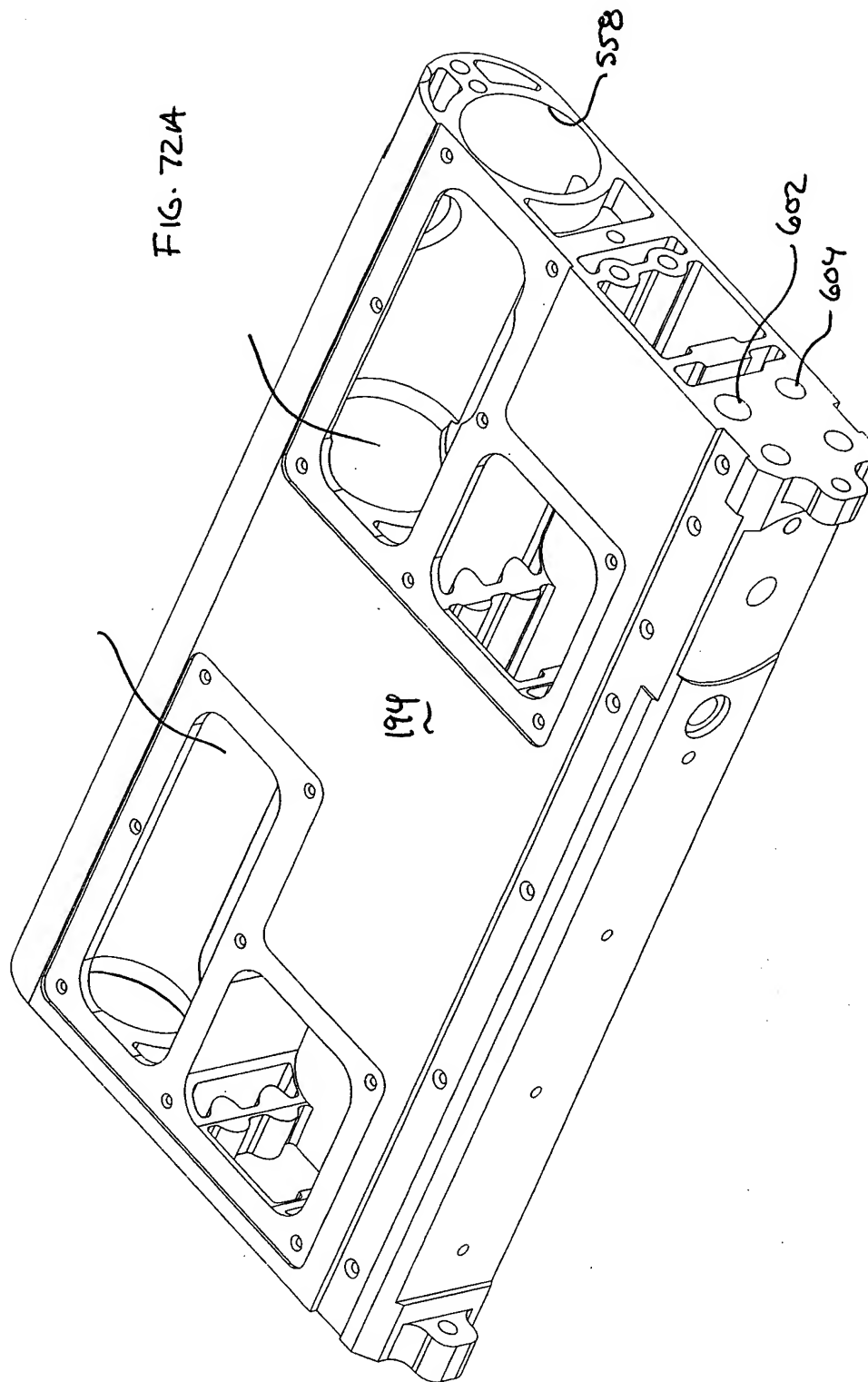
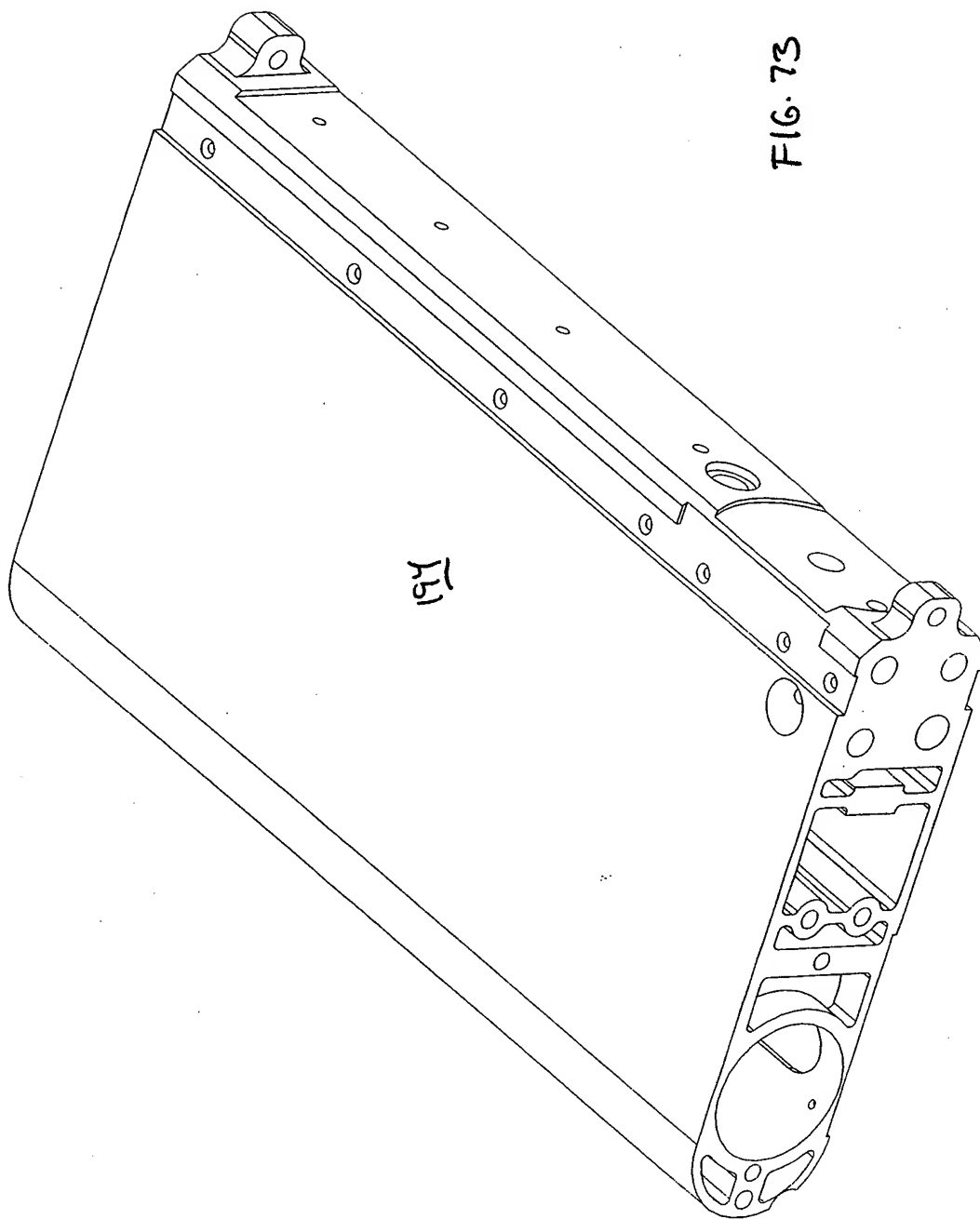


FIG. 72A





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FIG. 73

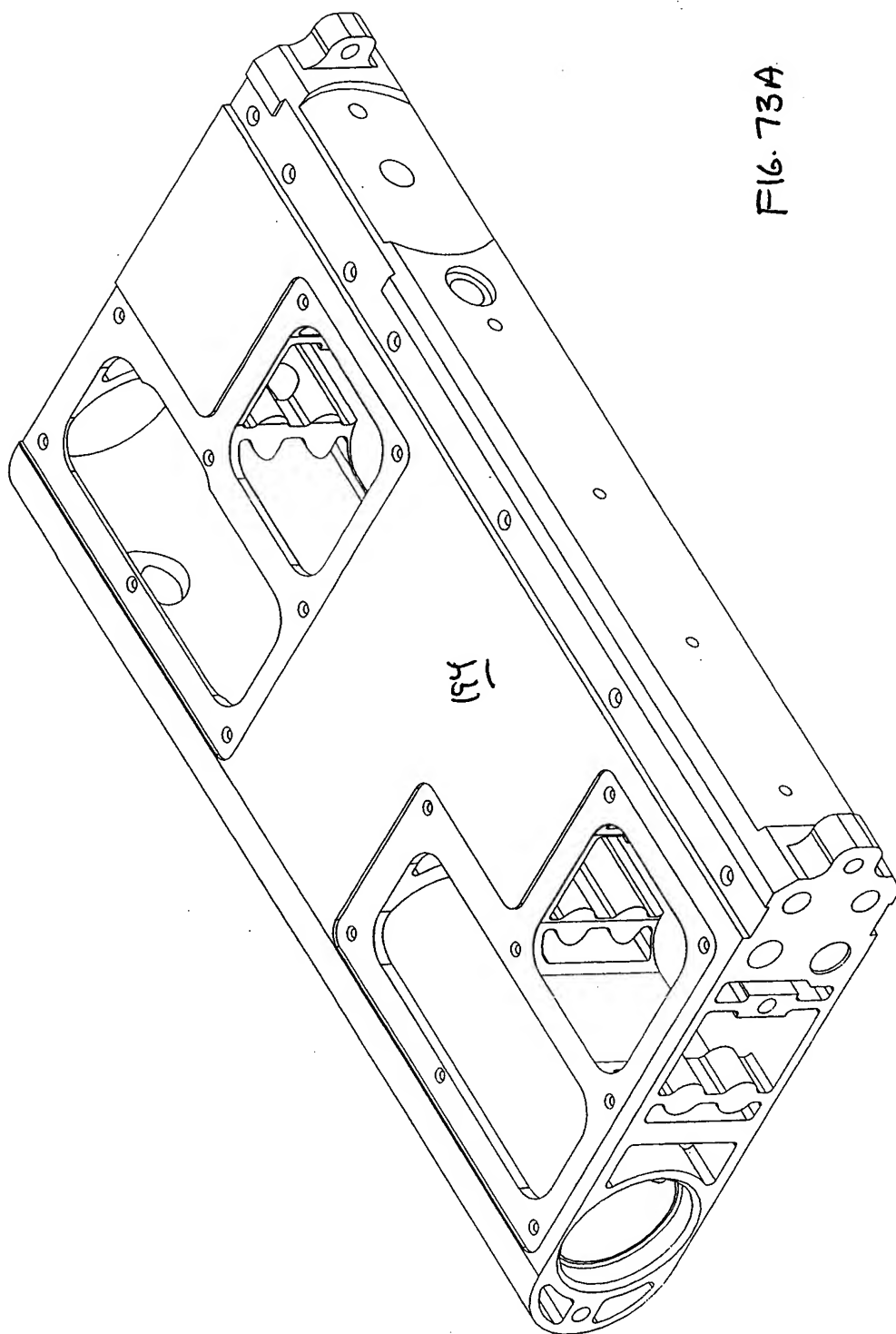


FIG. 73A

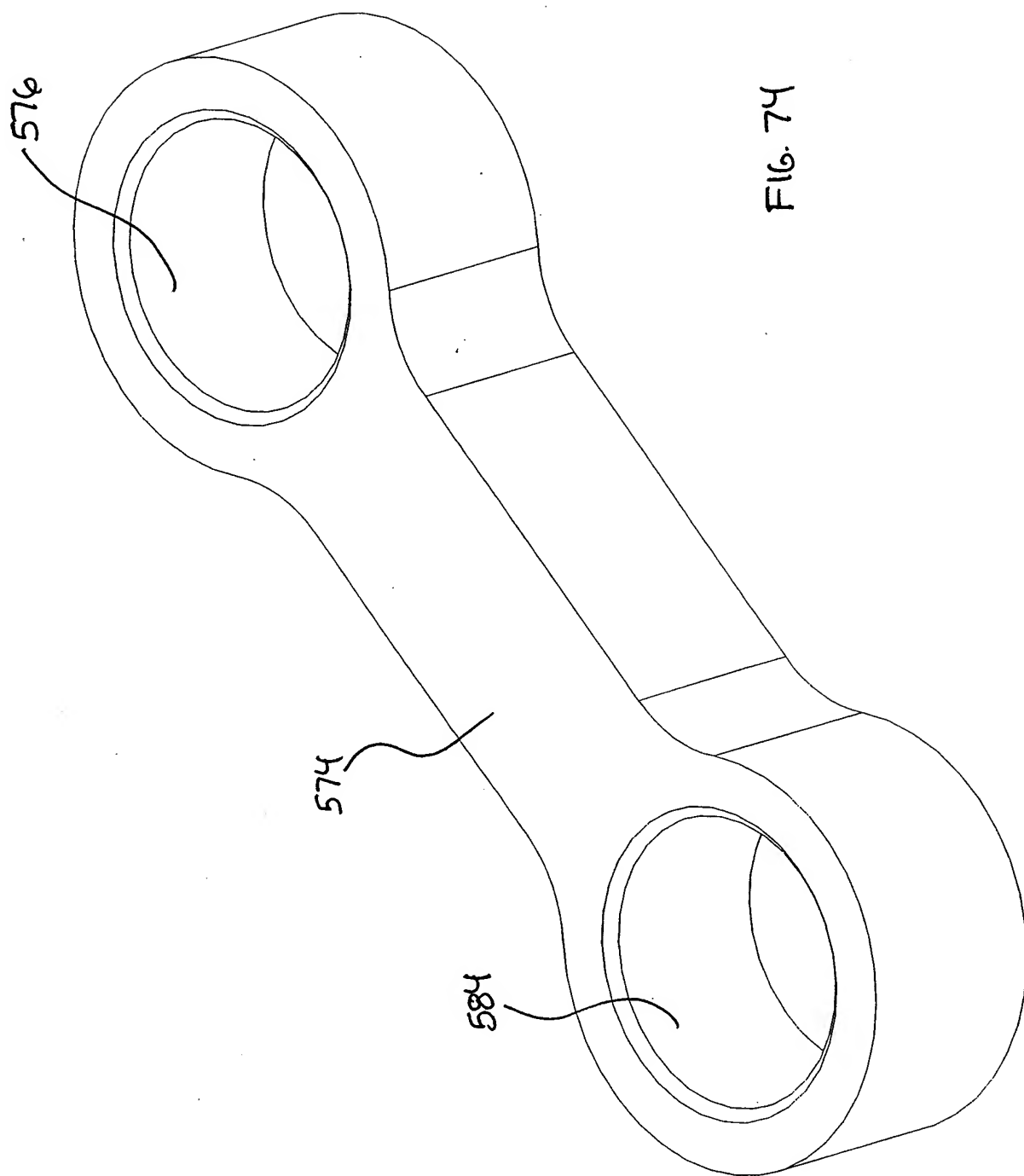
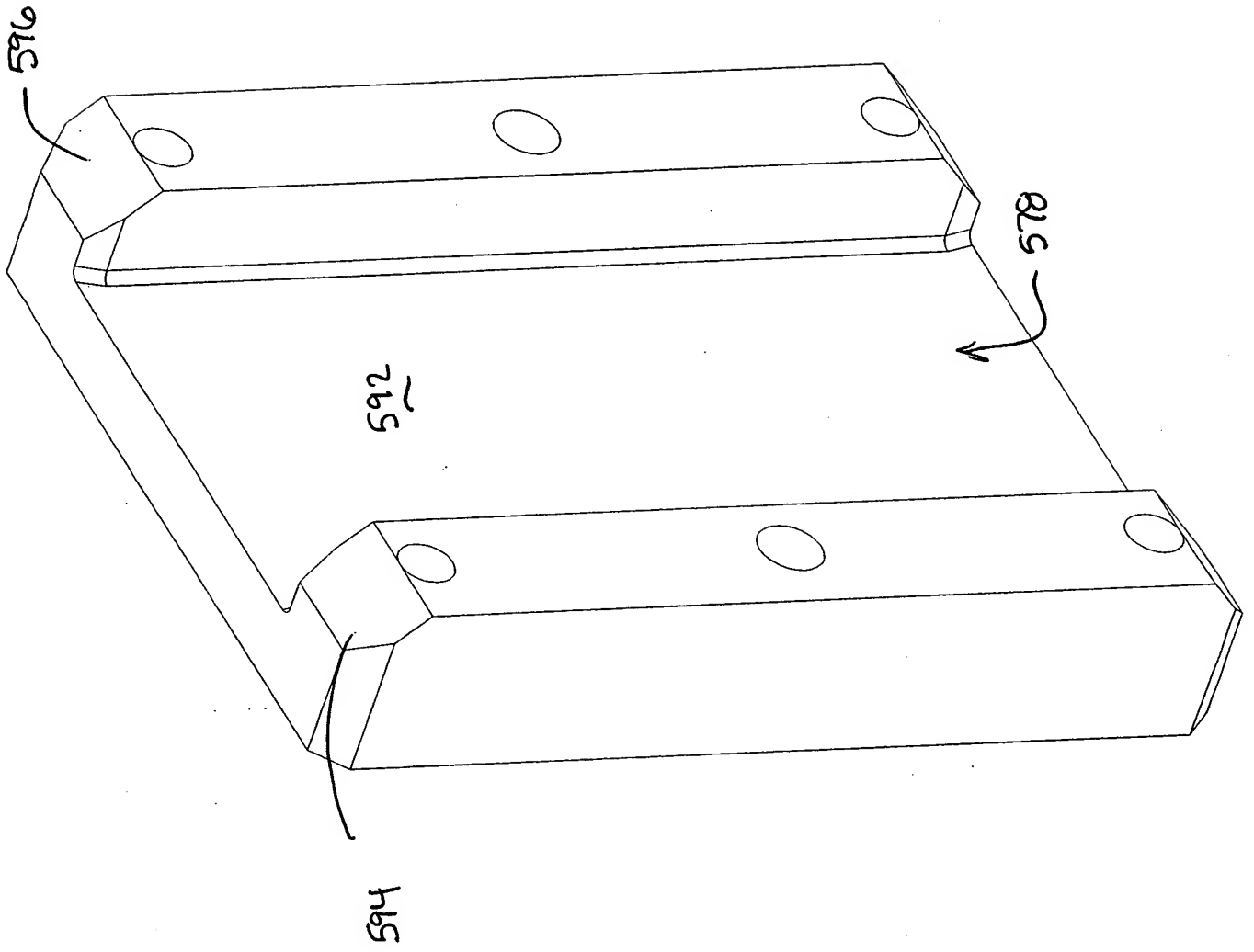
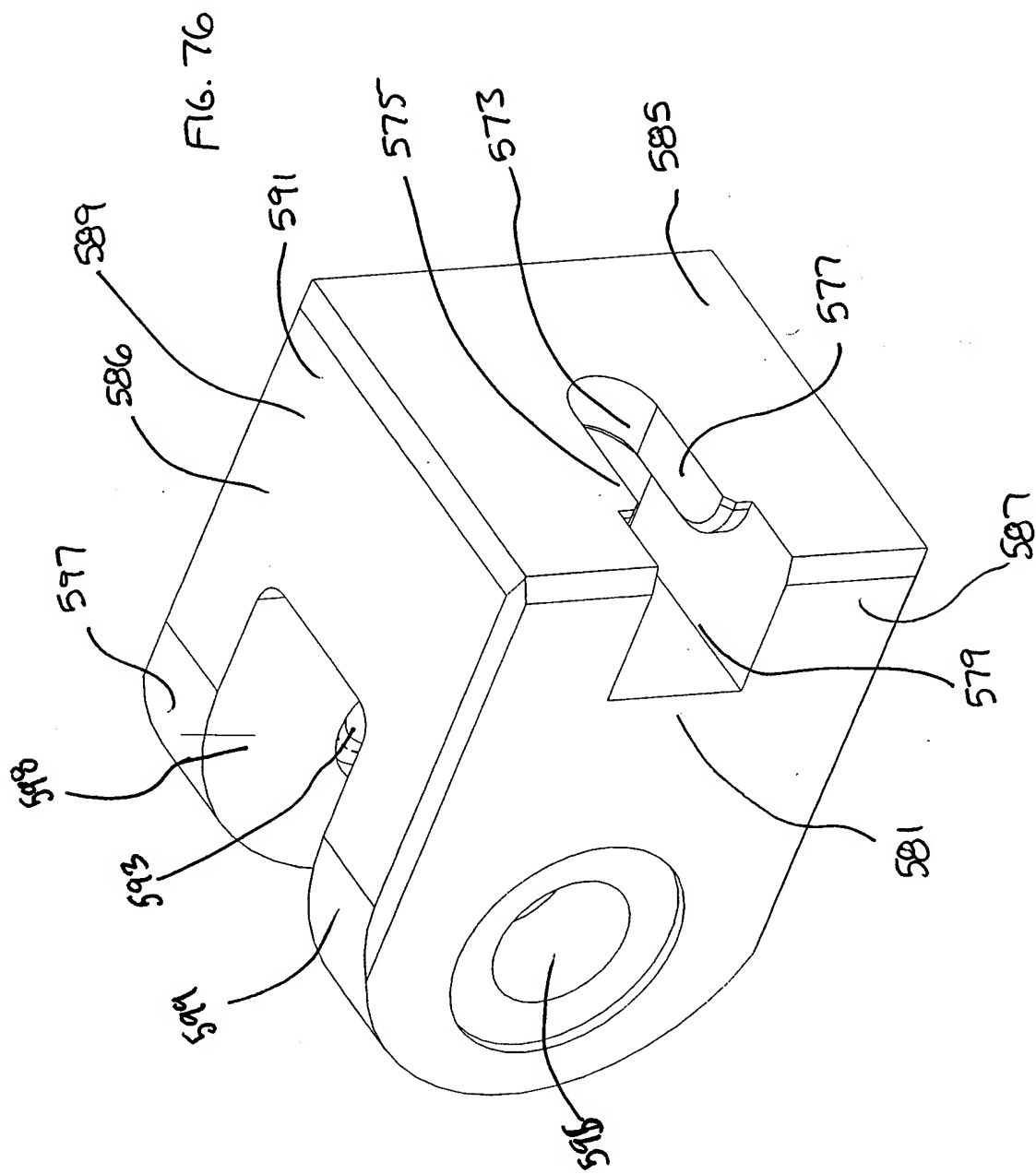


FIG. 74

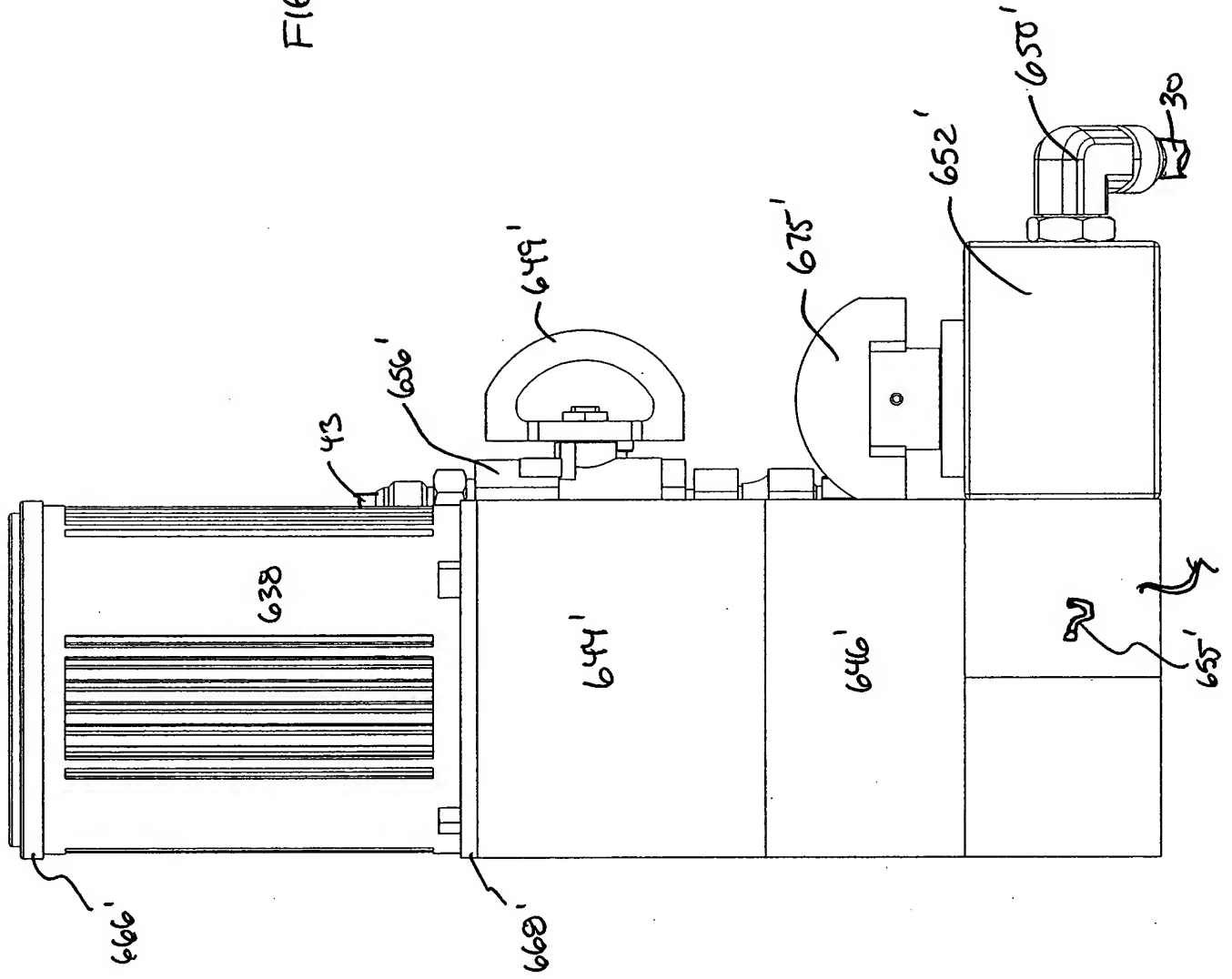
FIG 75







F16.77A



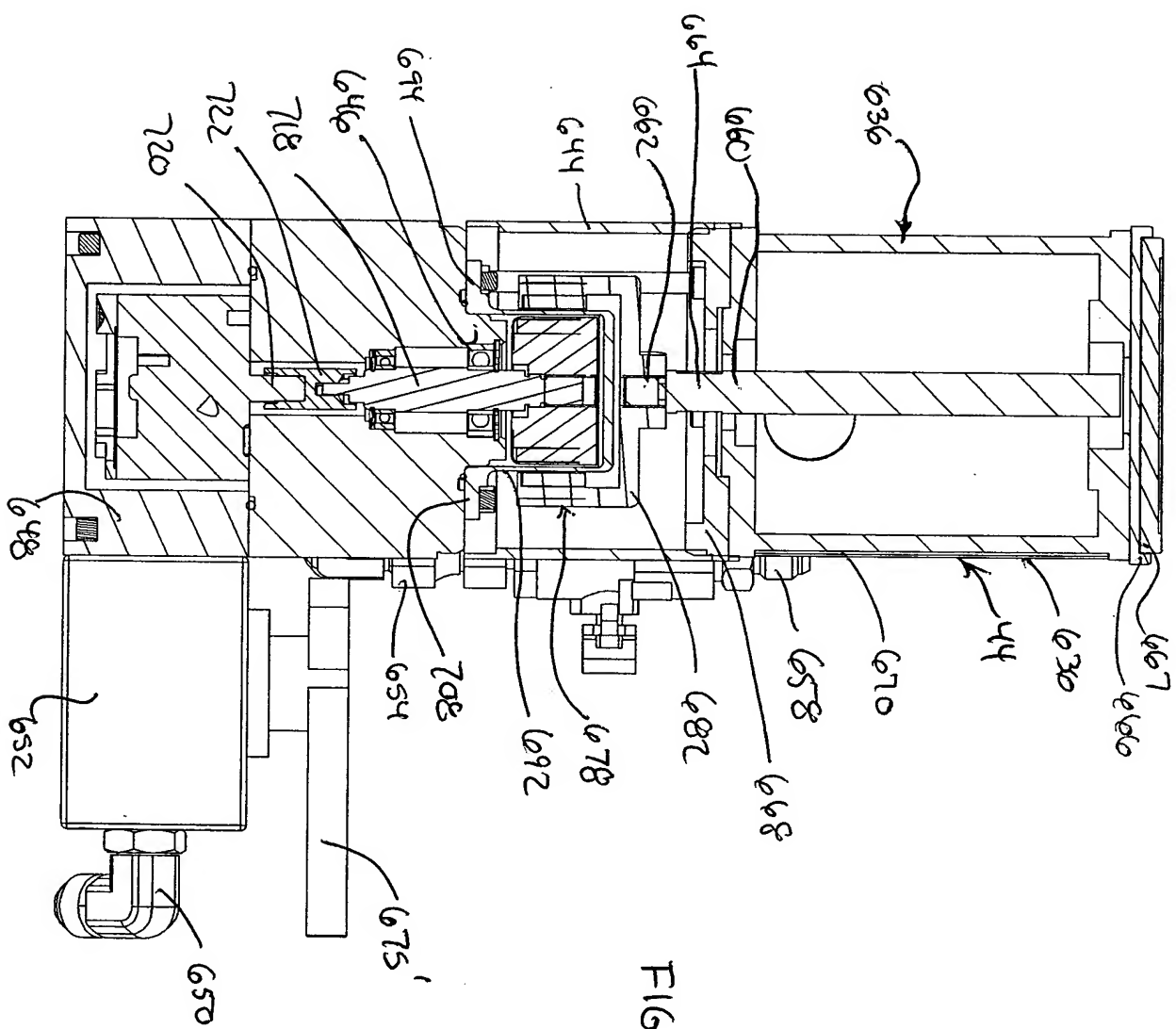
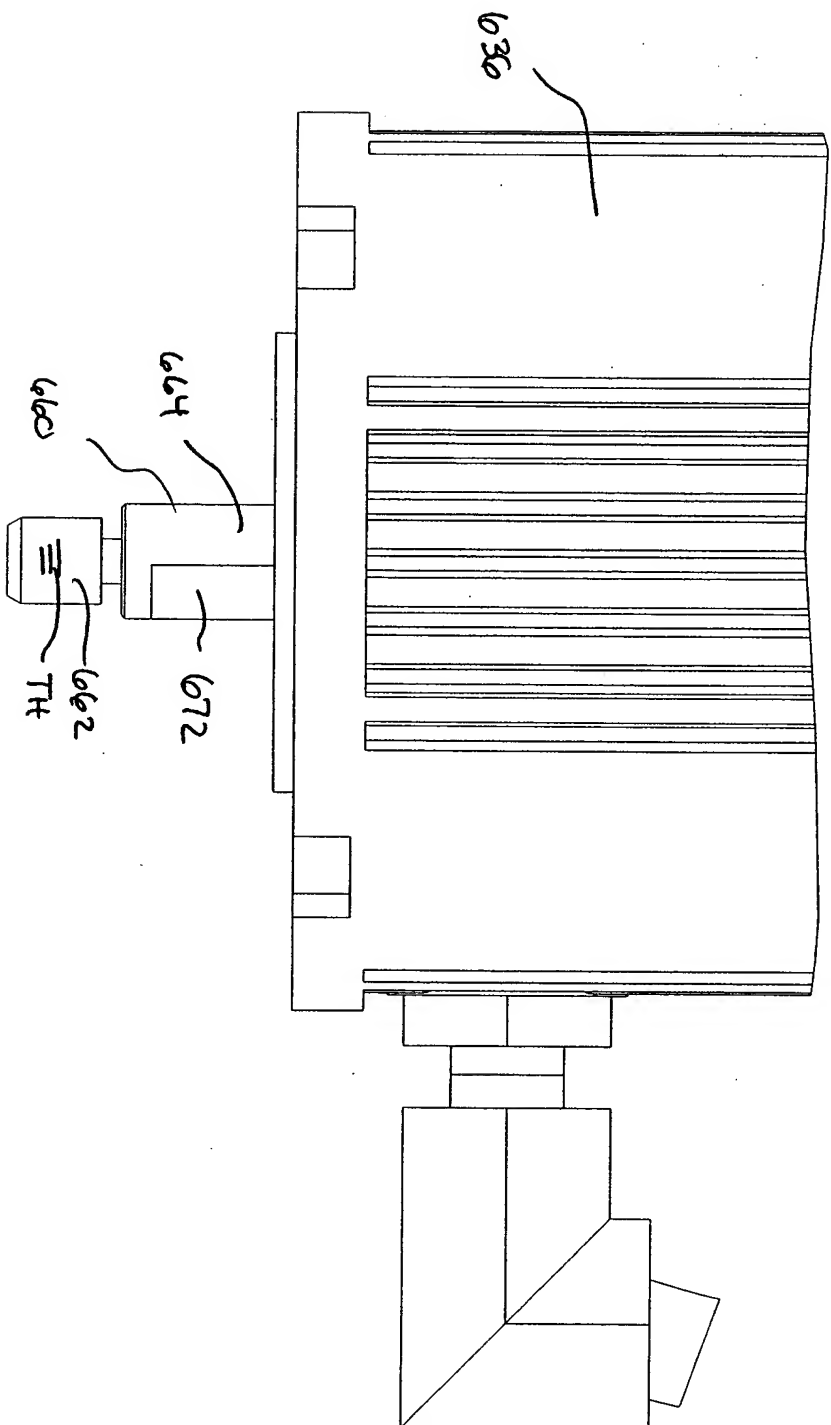


FIG. 78



FIG. 79



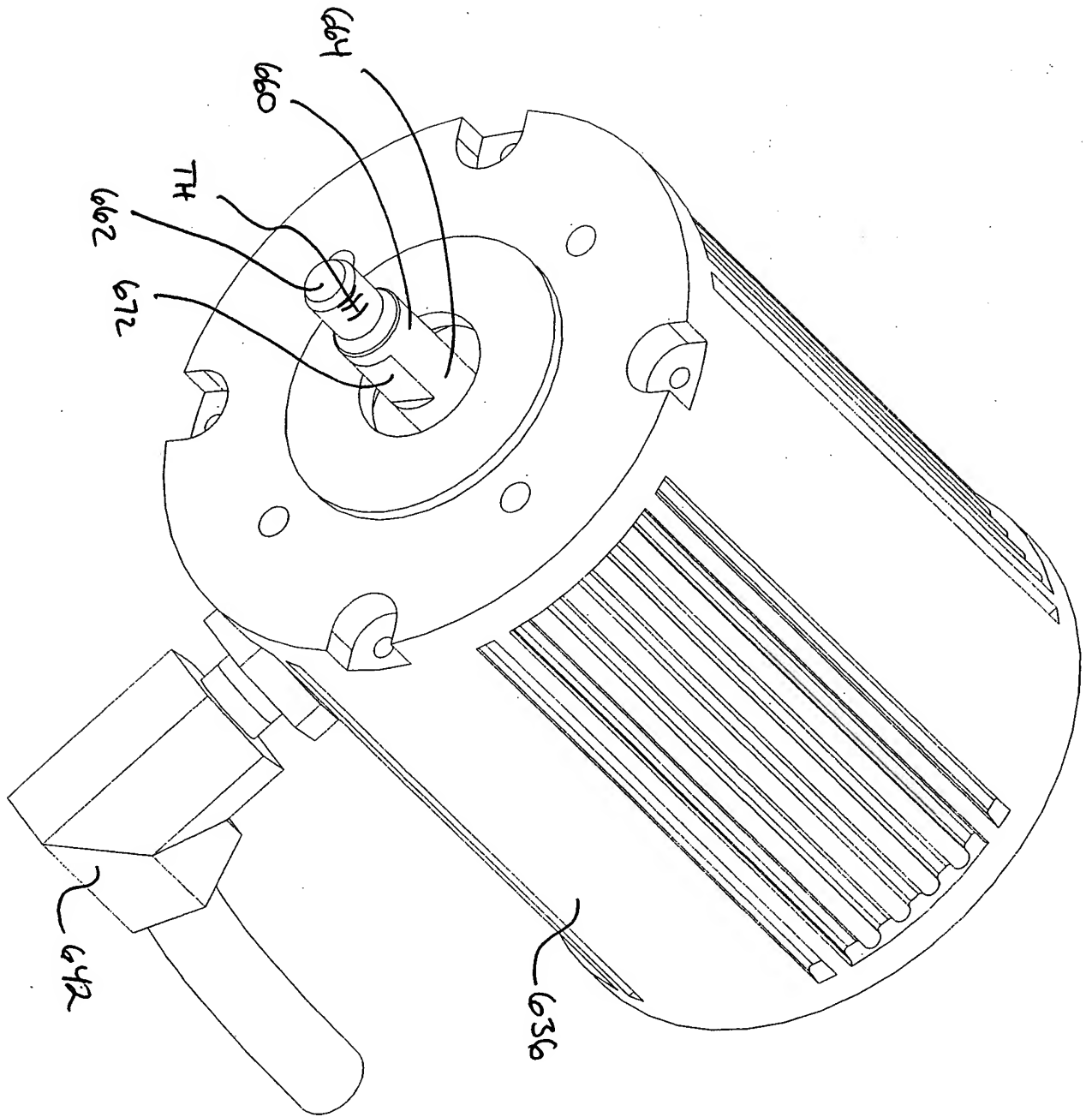


FIG. 80

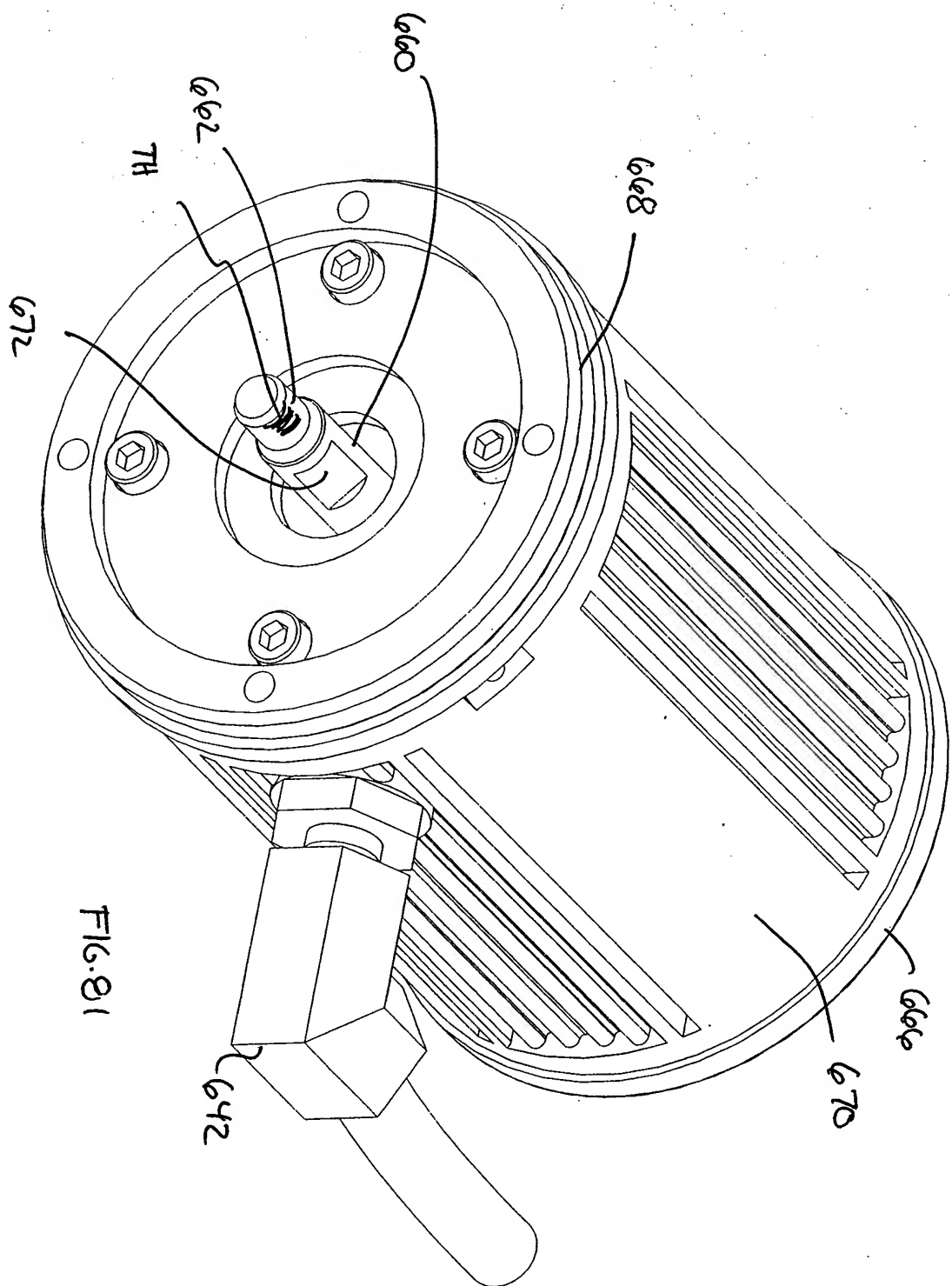


FIG. 81

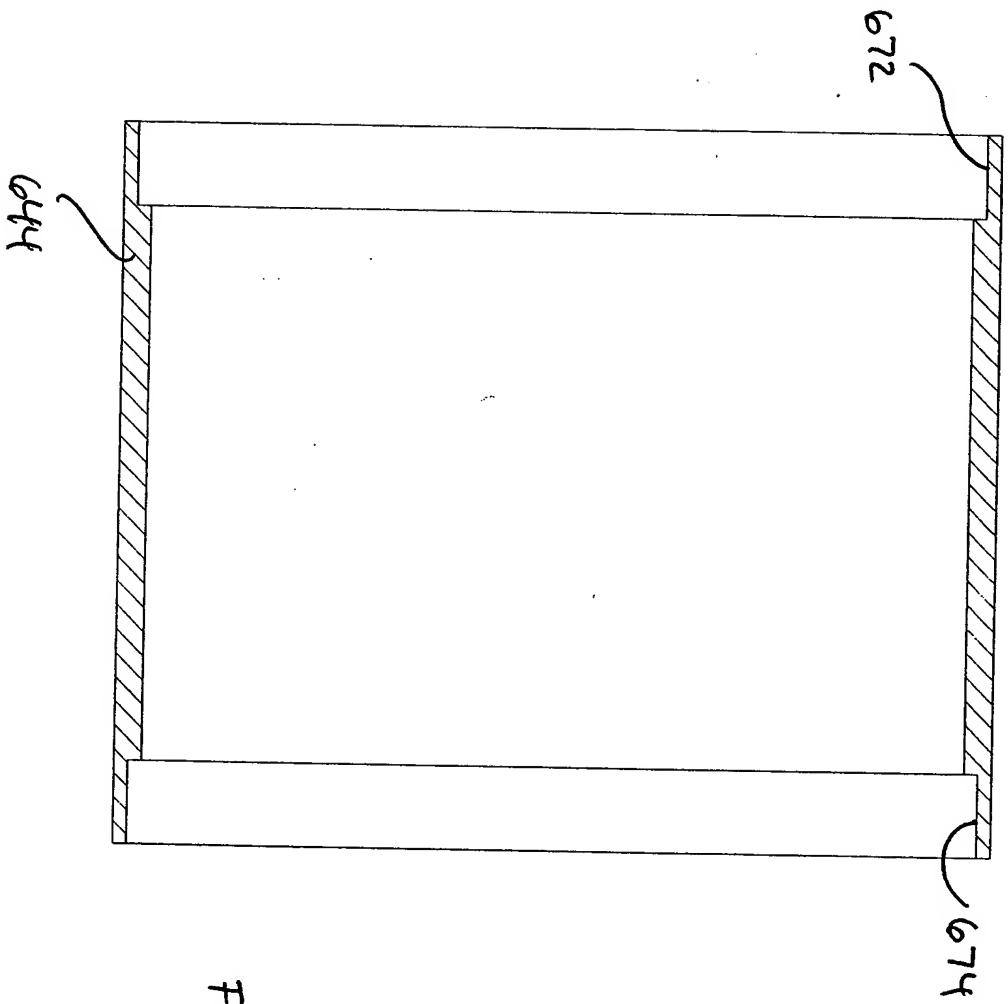
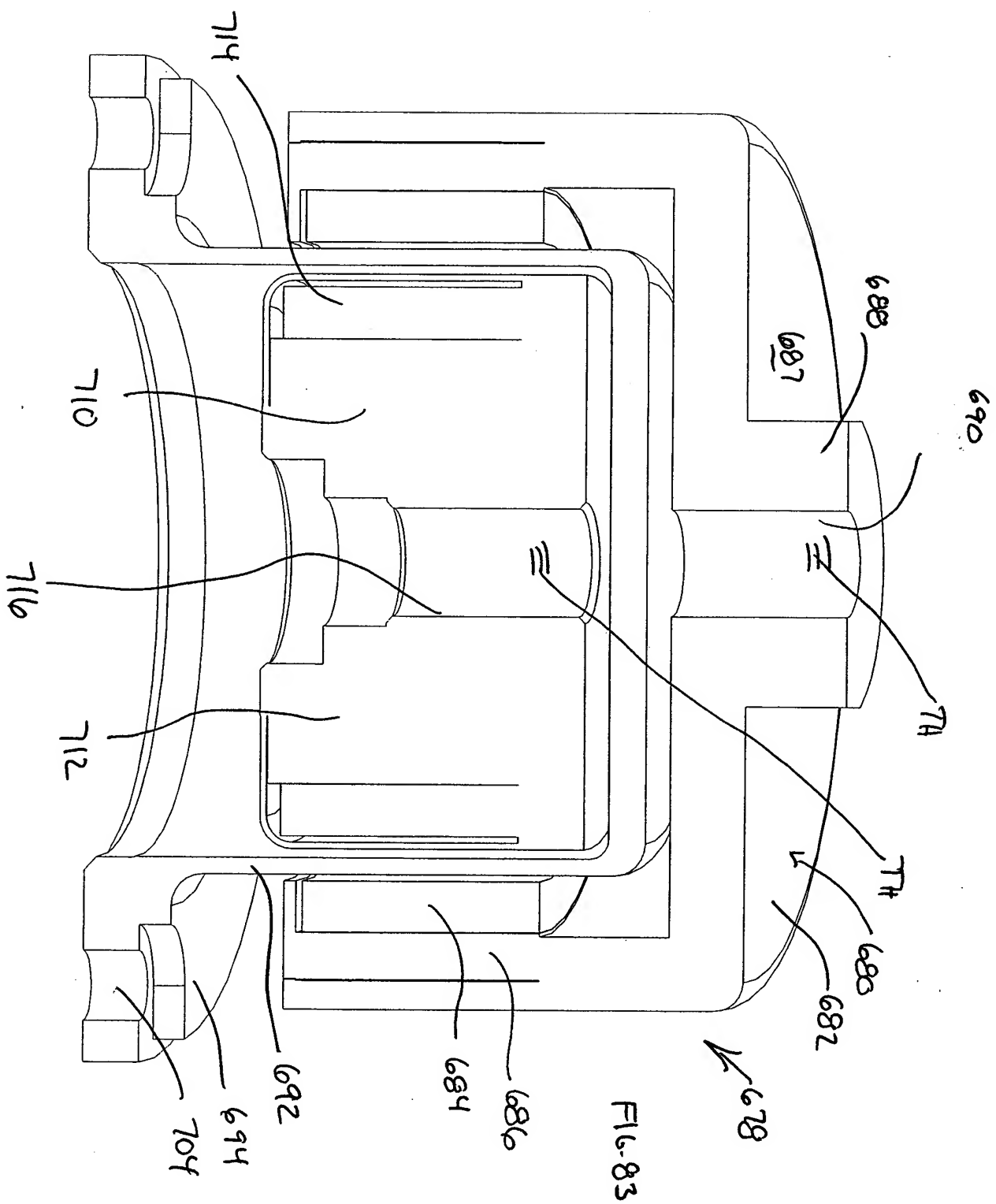


FIG. 82



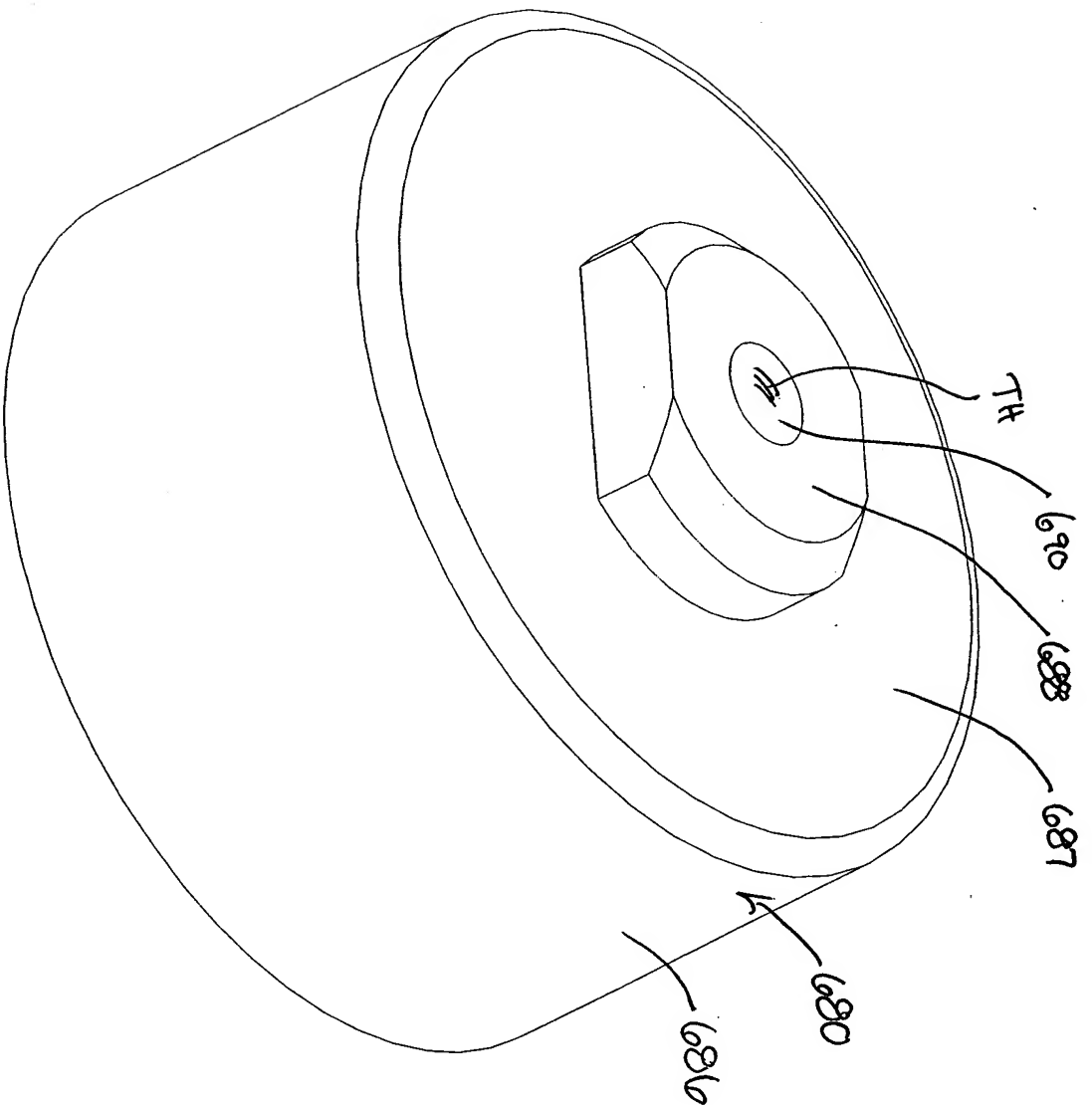


FIG. 84

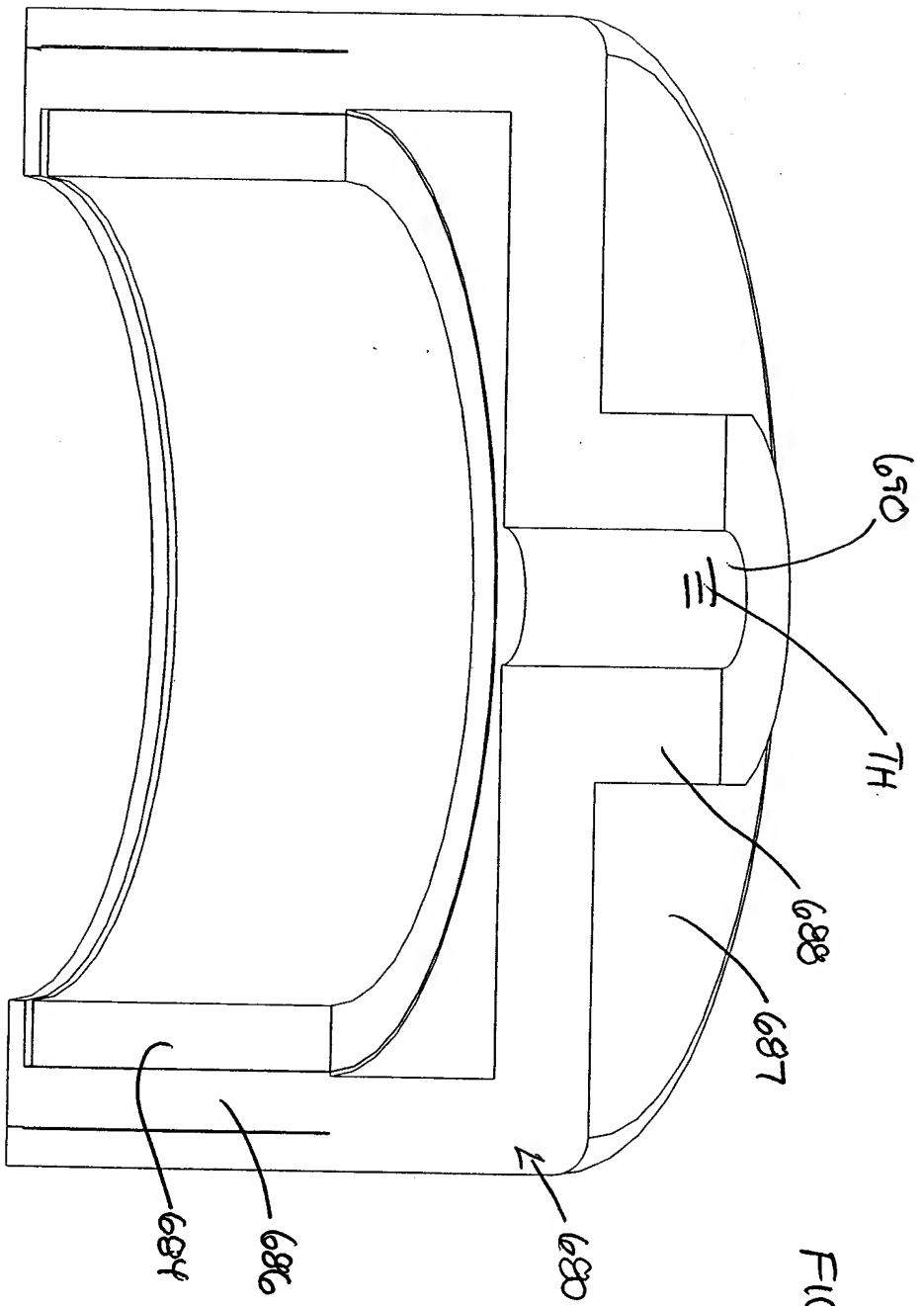


FIG. 85

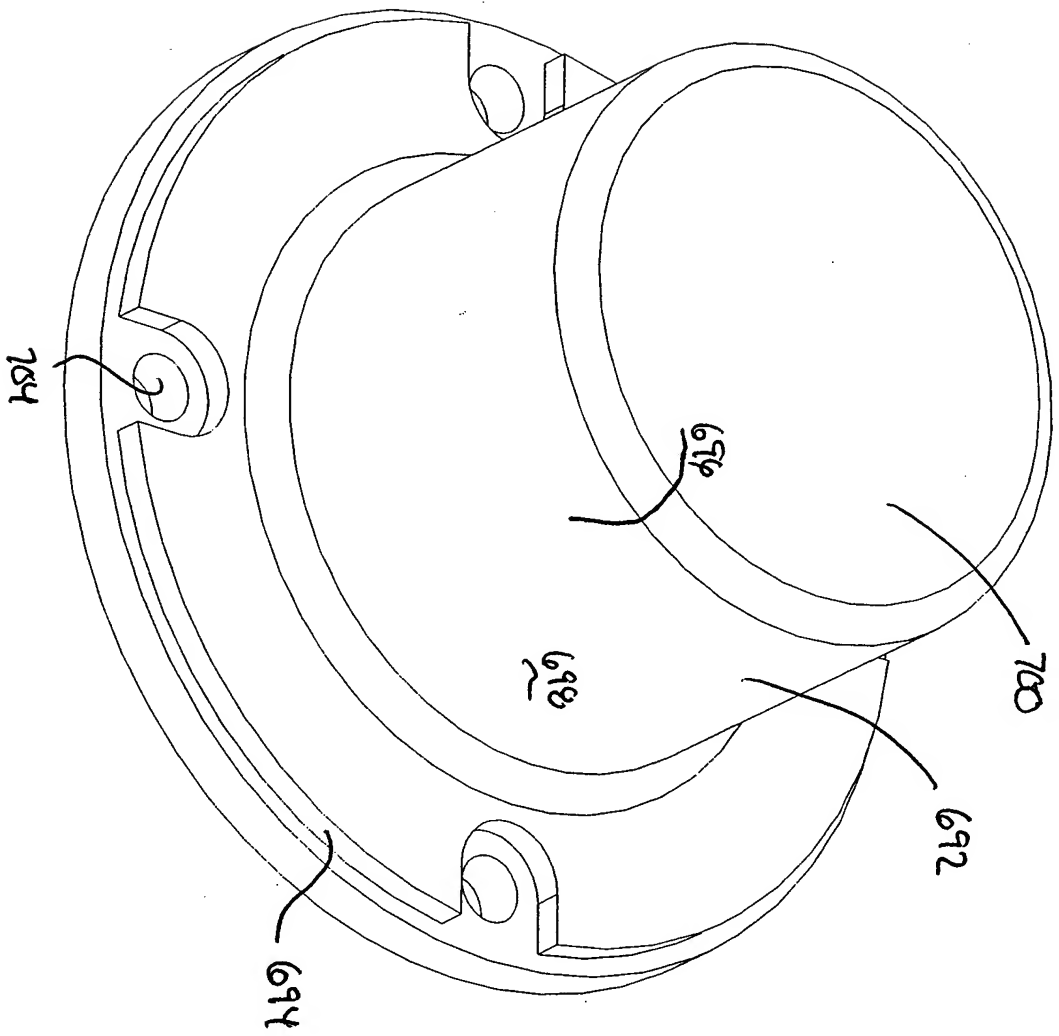


FIG. 86



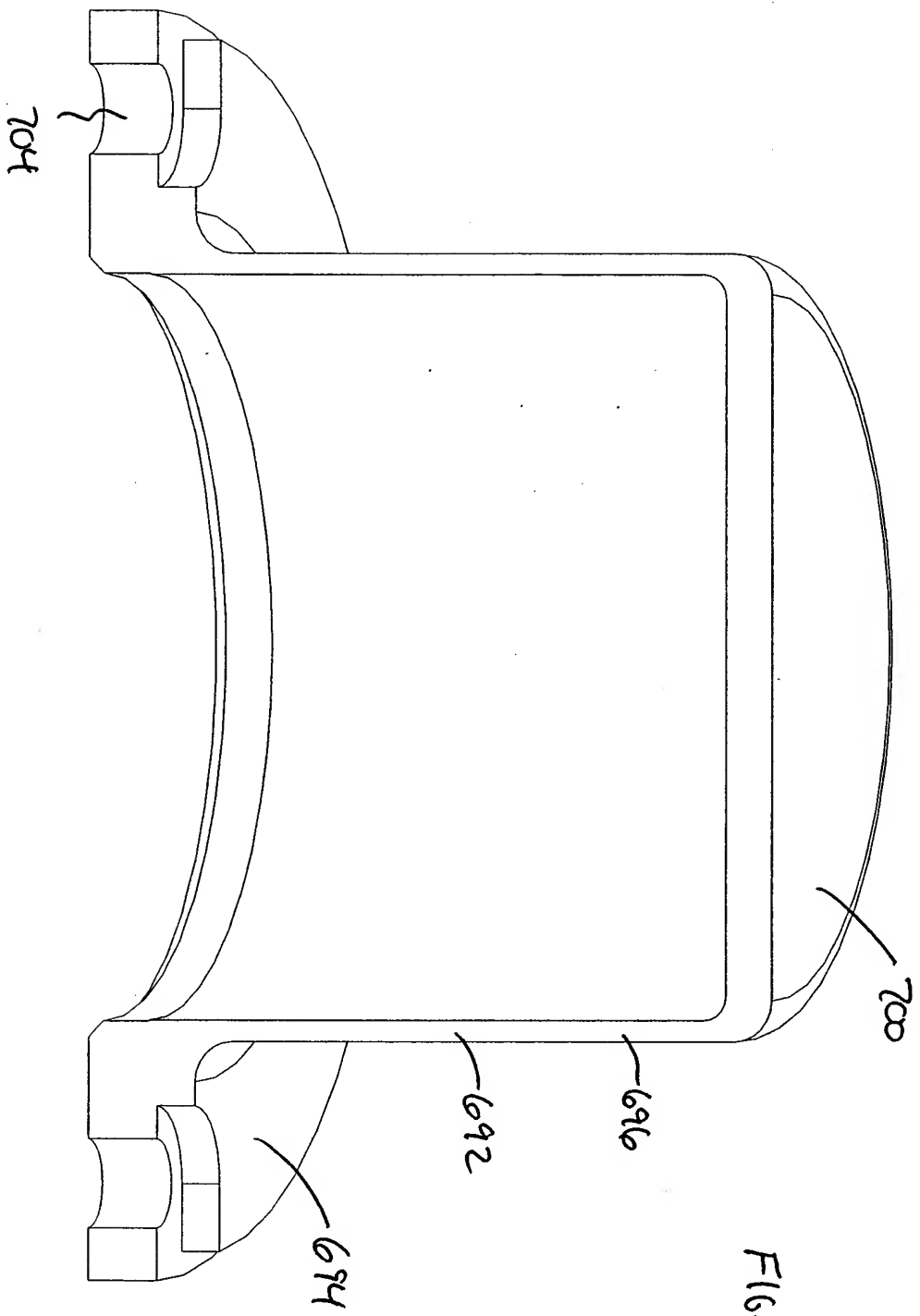
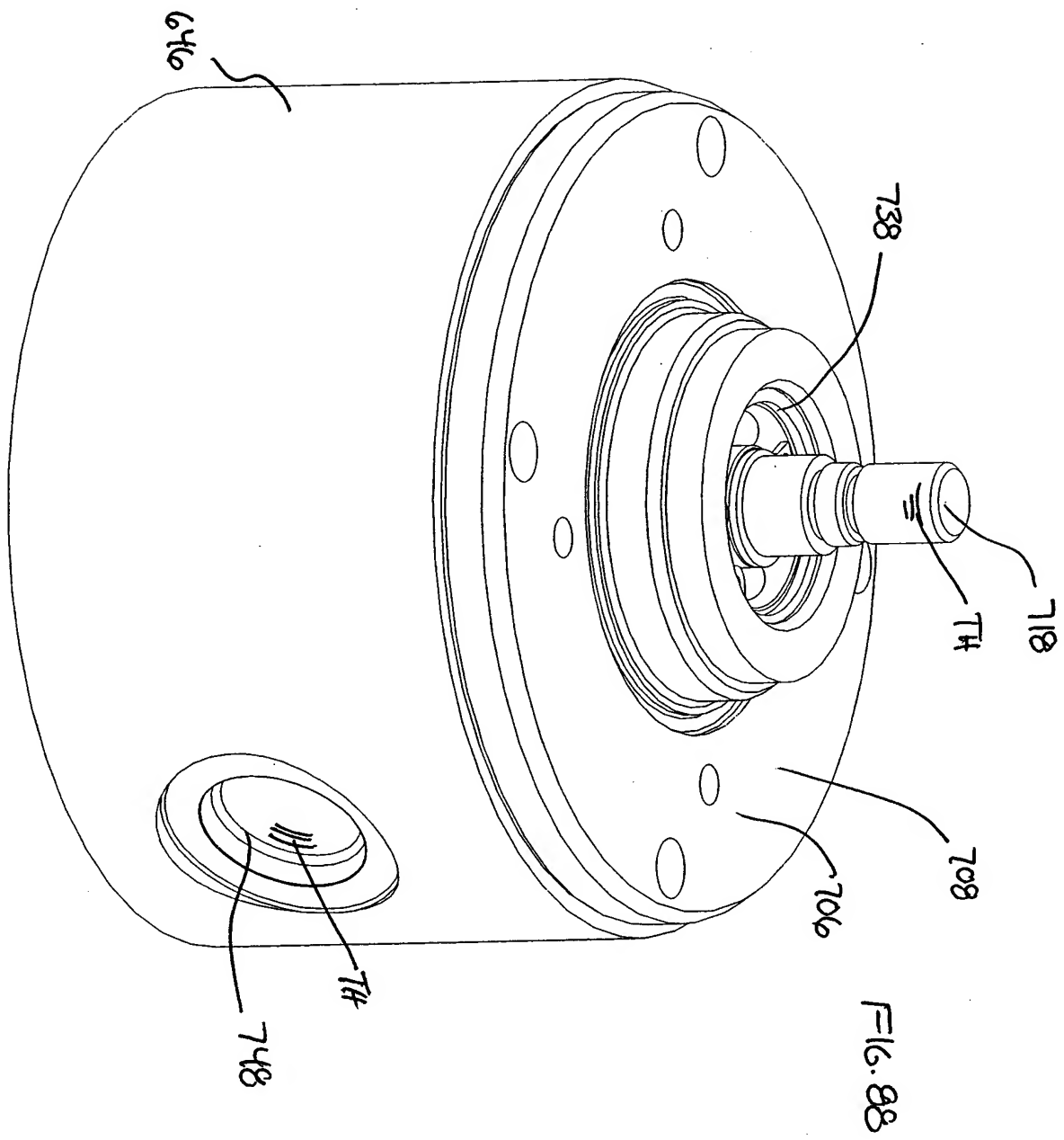


FIG. 87



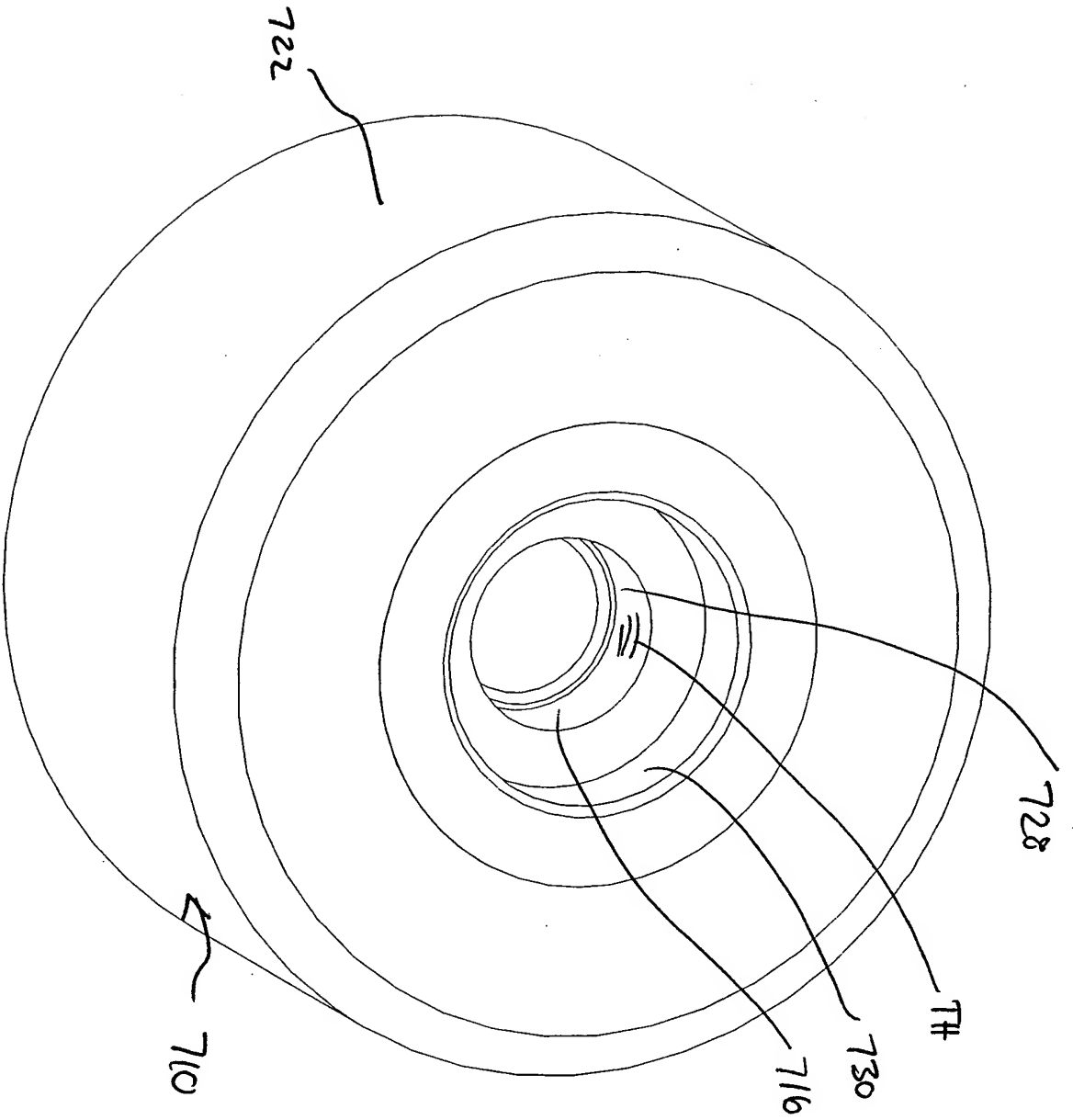


FIG. 89A

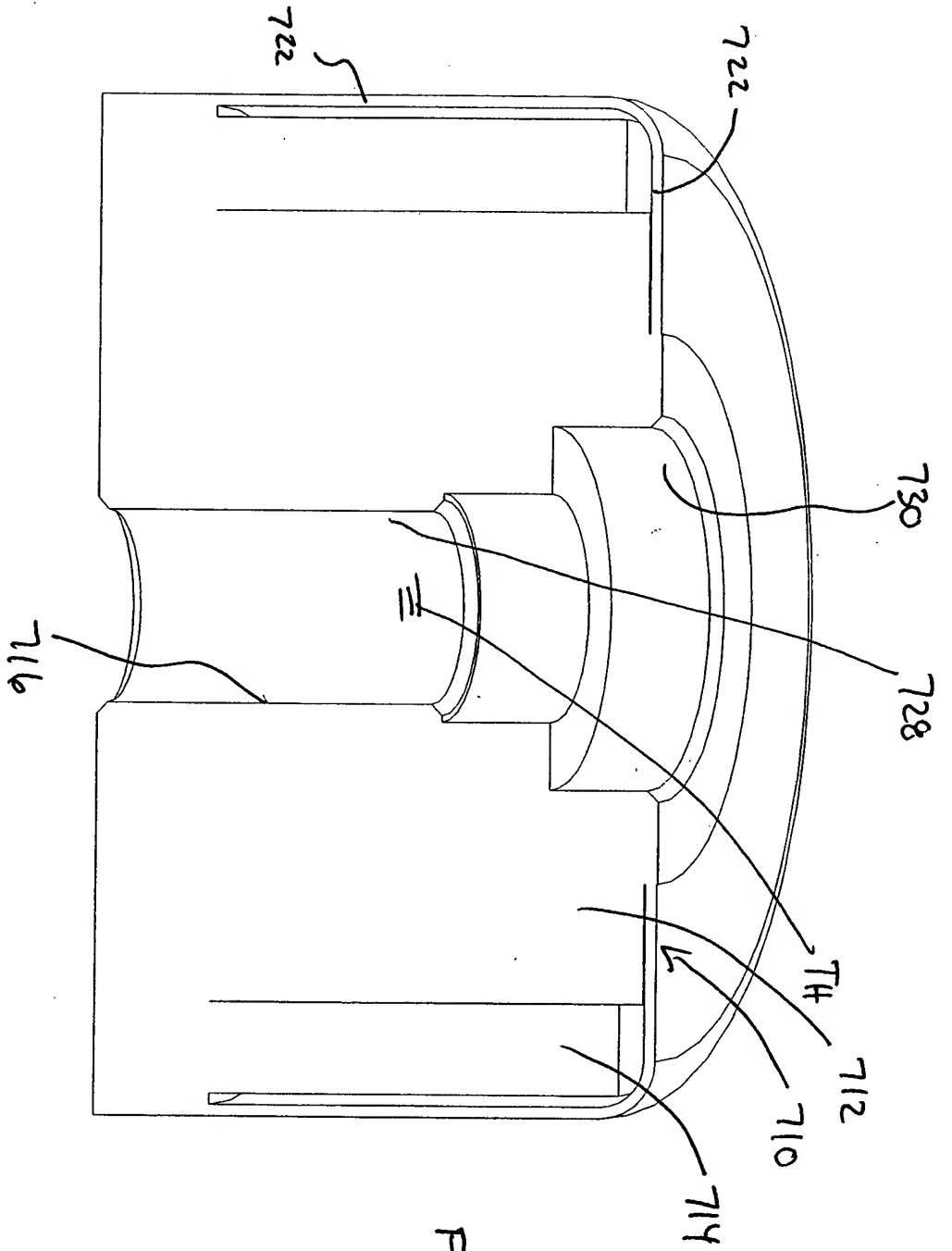


FIG 89B

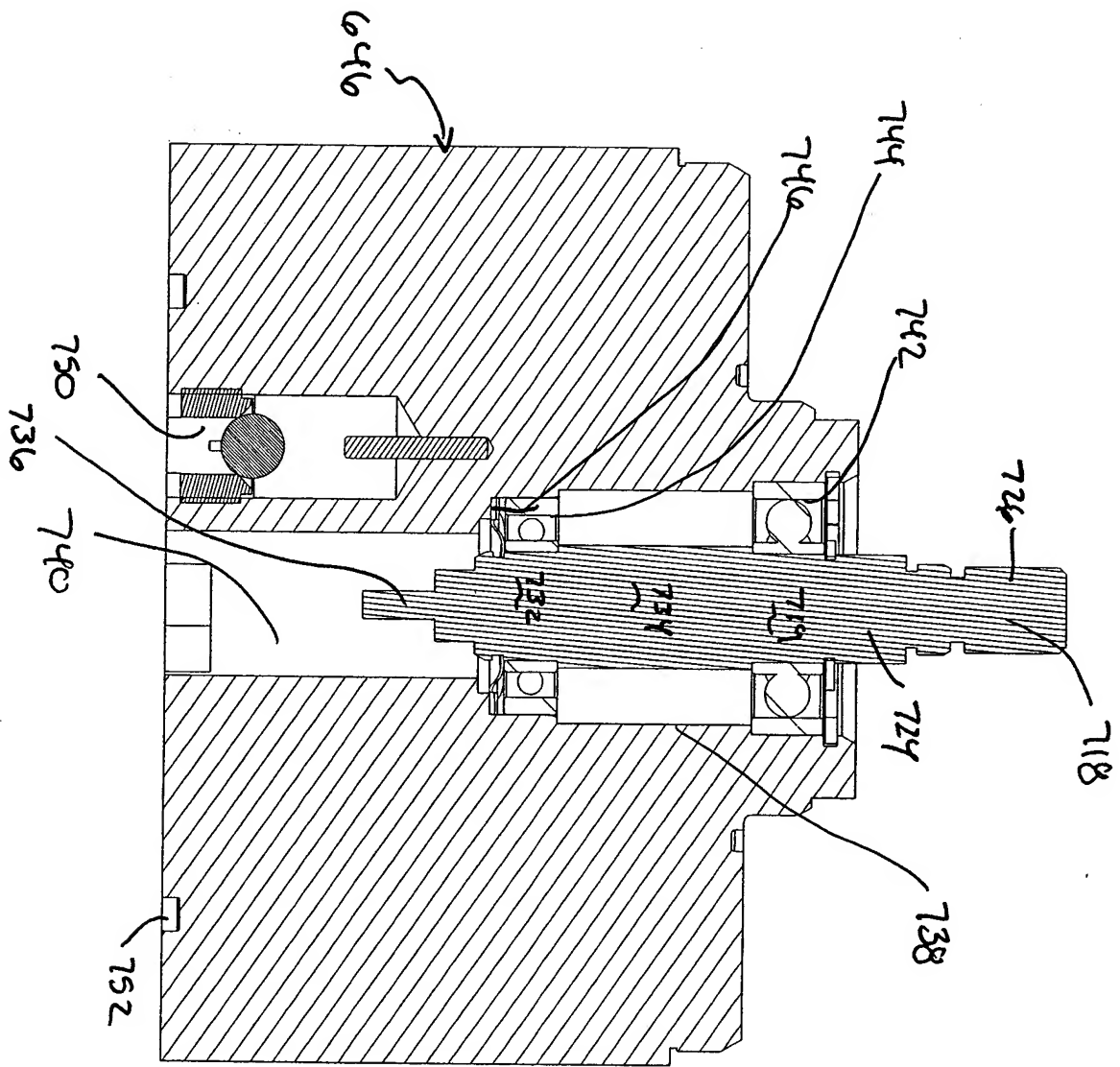


FIG. 90

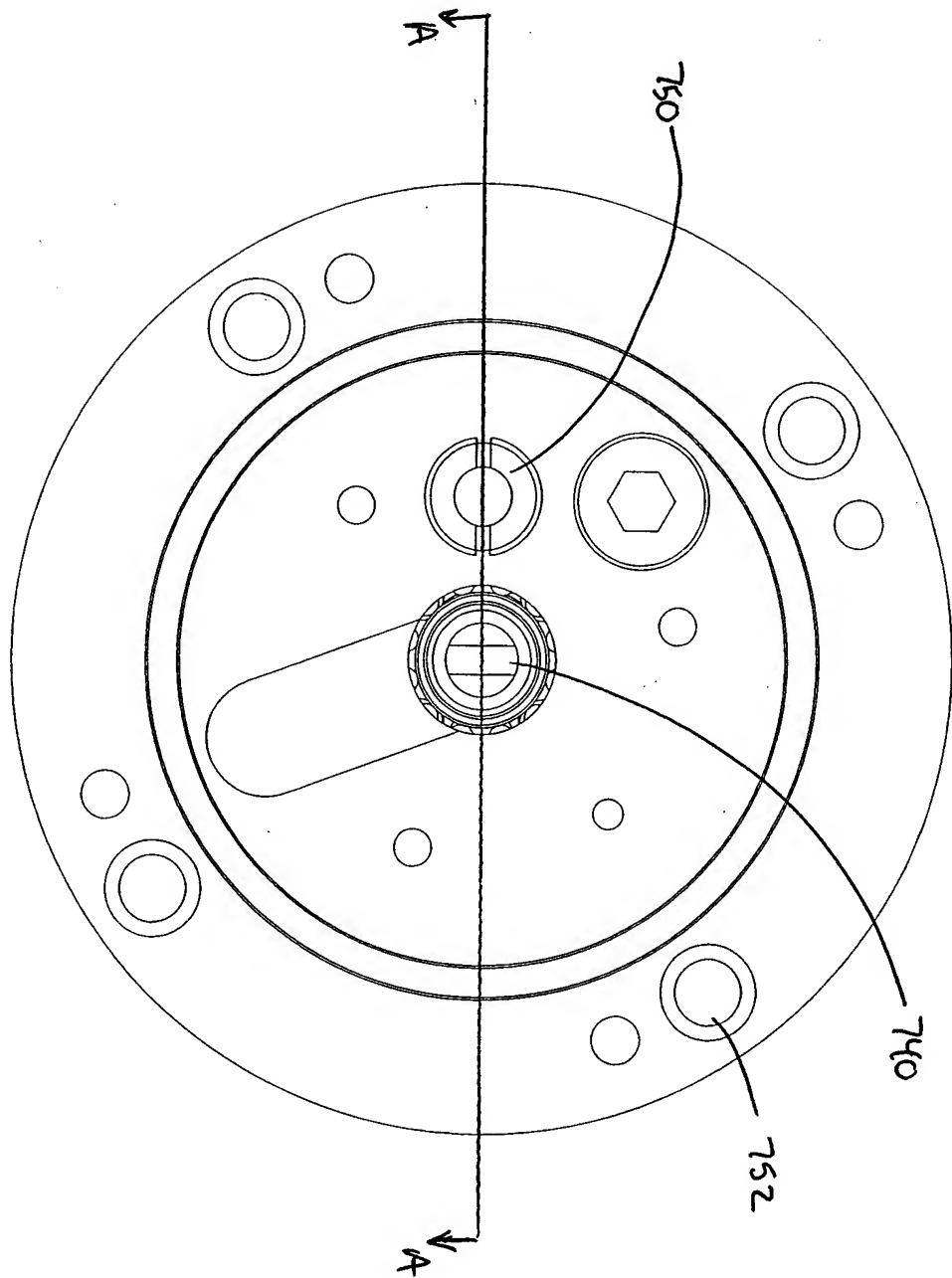


FIG. 91

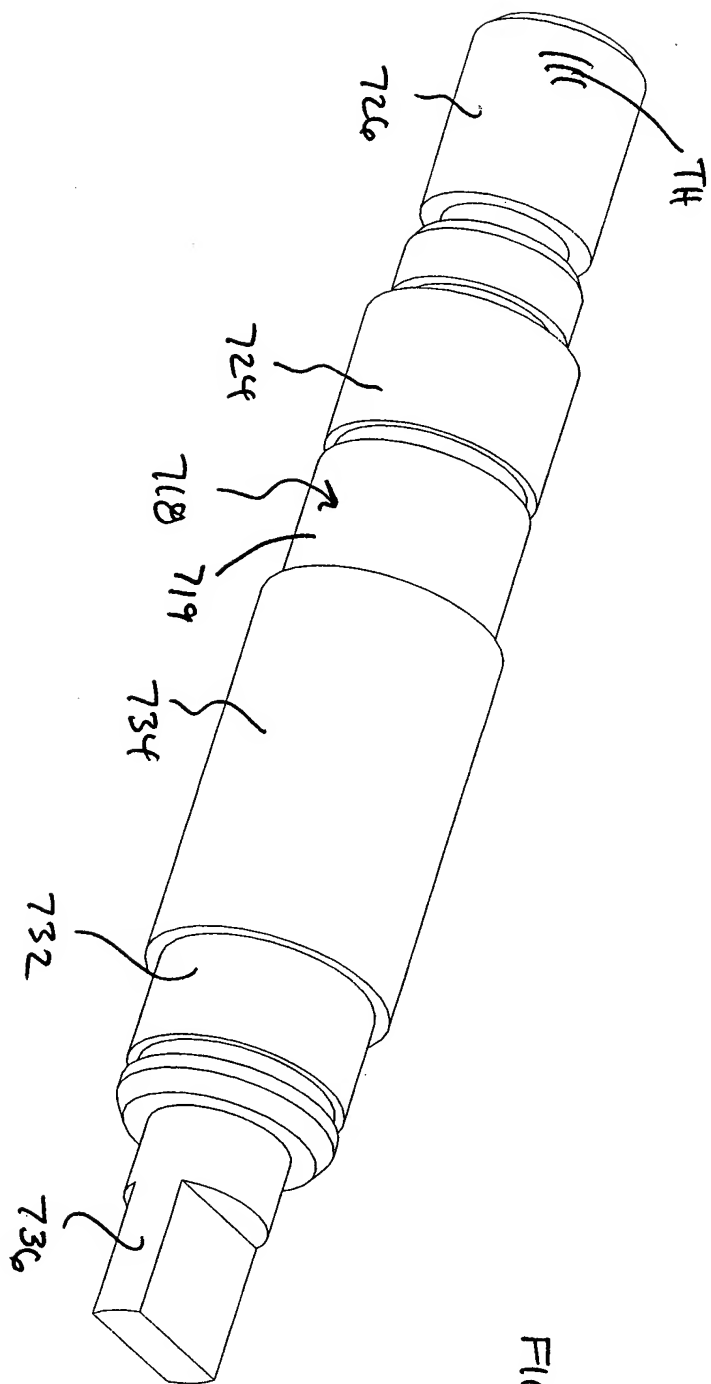


FIG. 92

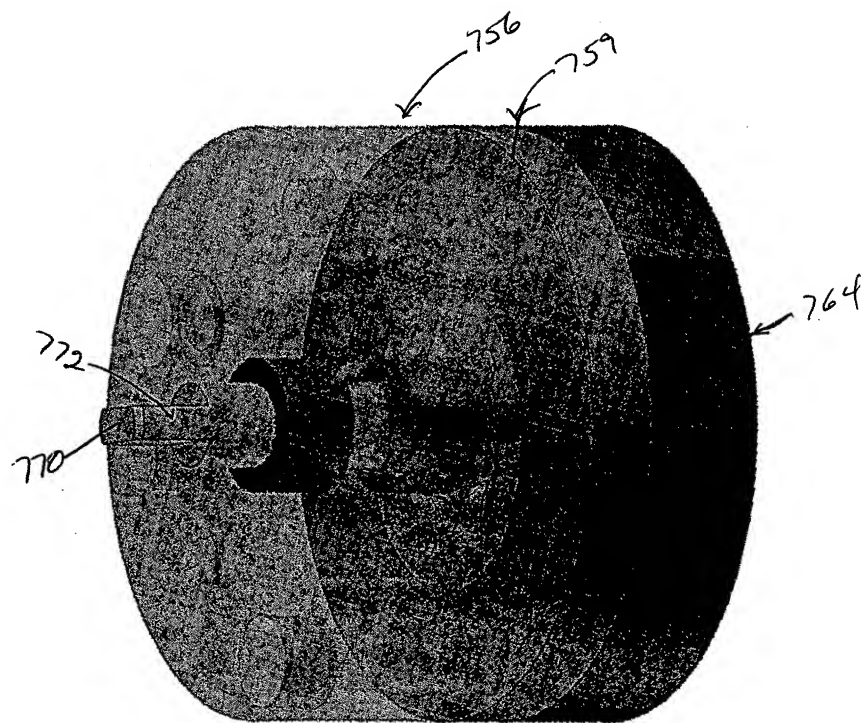


FIG. 93



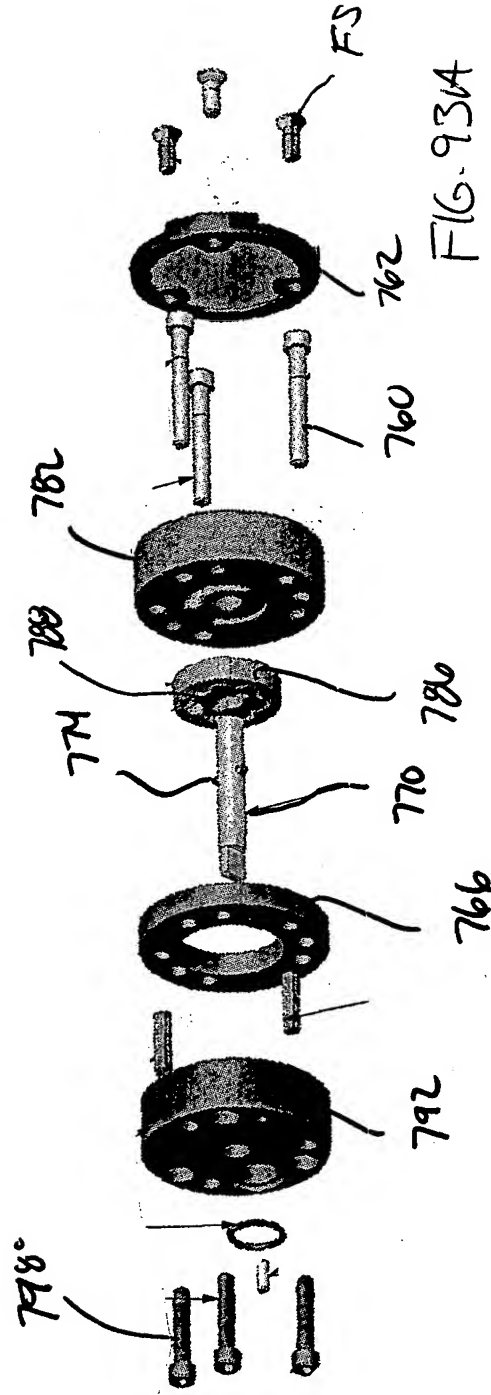


FIG. 93A

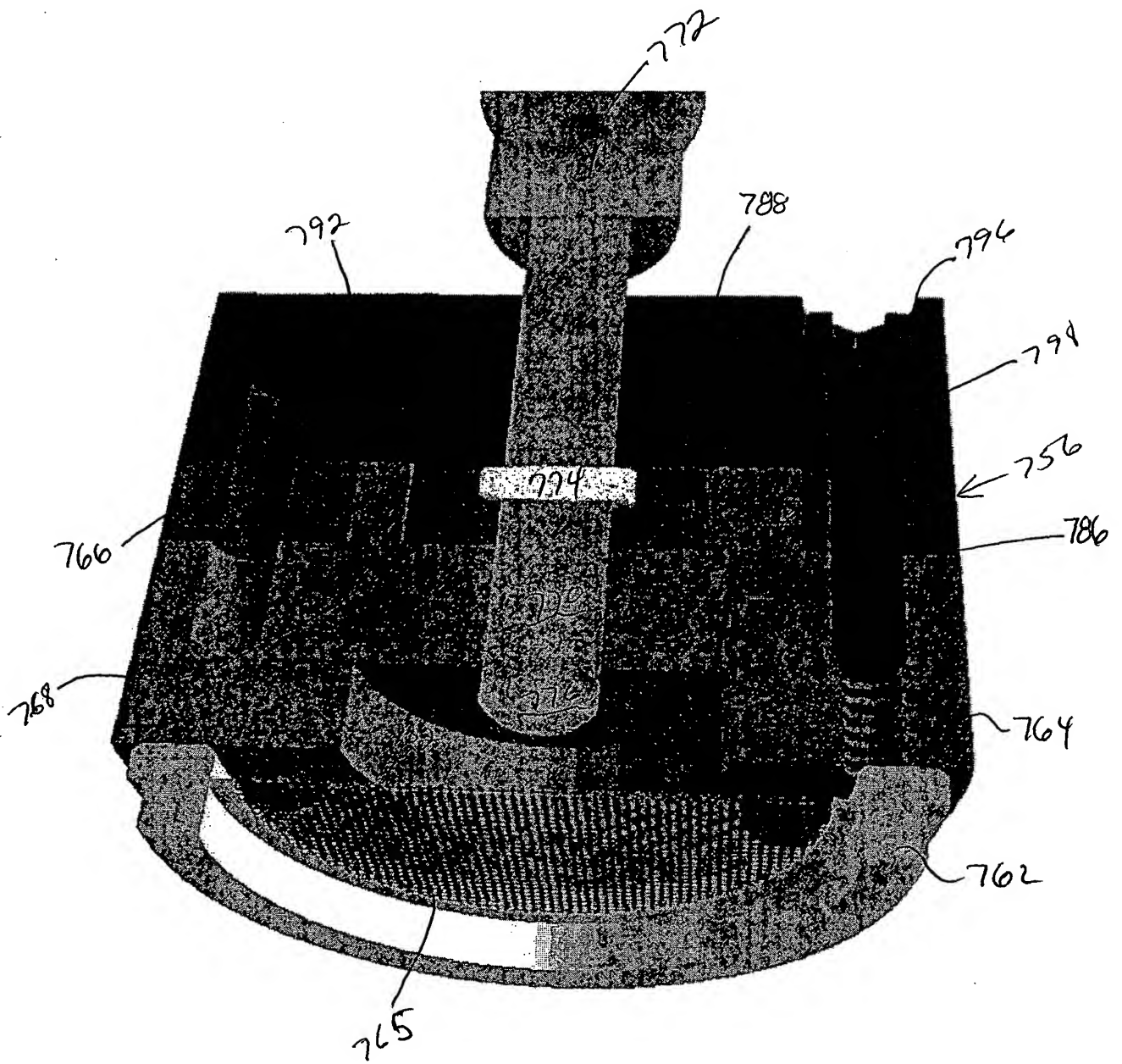


FIG. 94

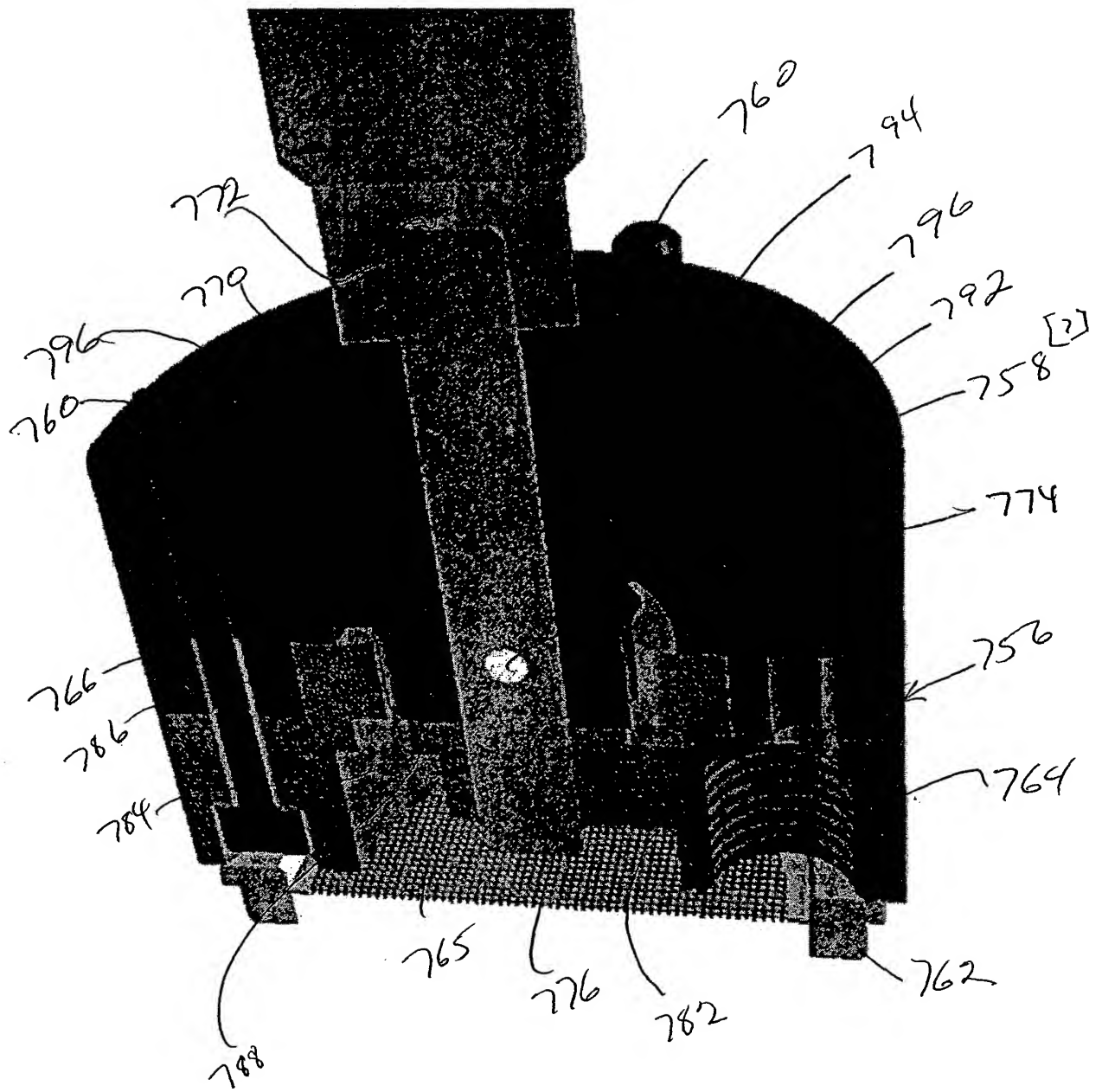
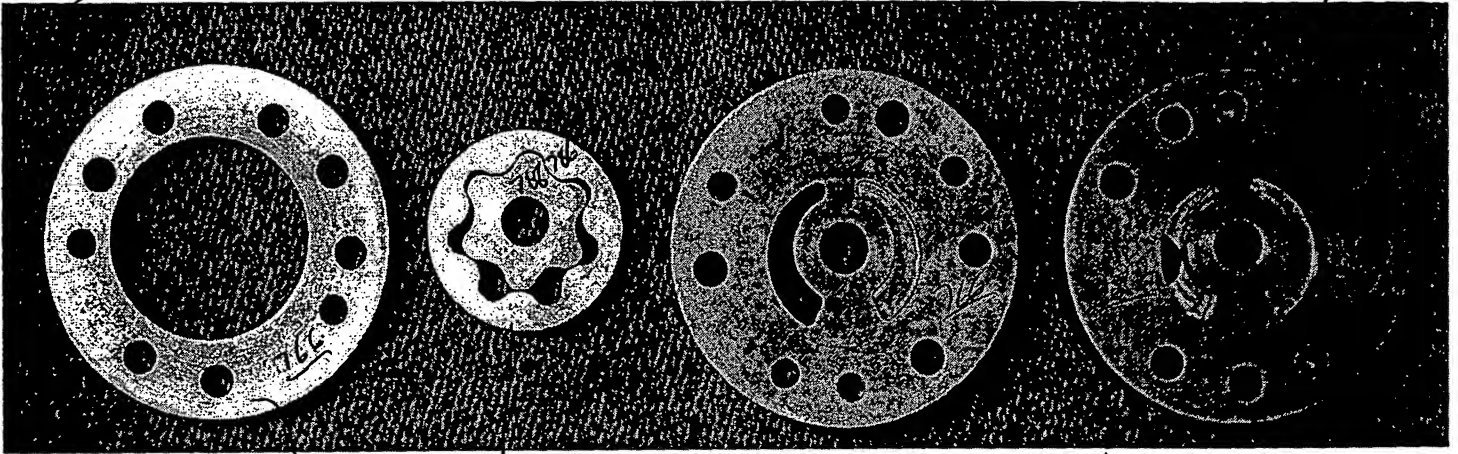


FIG. 95

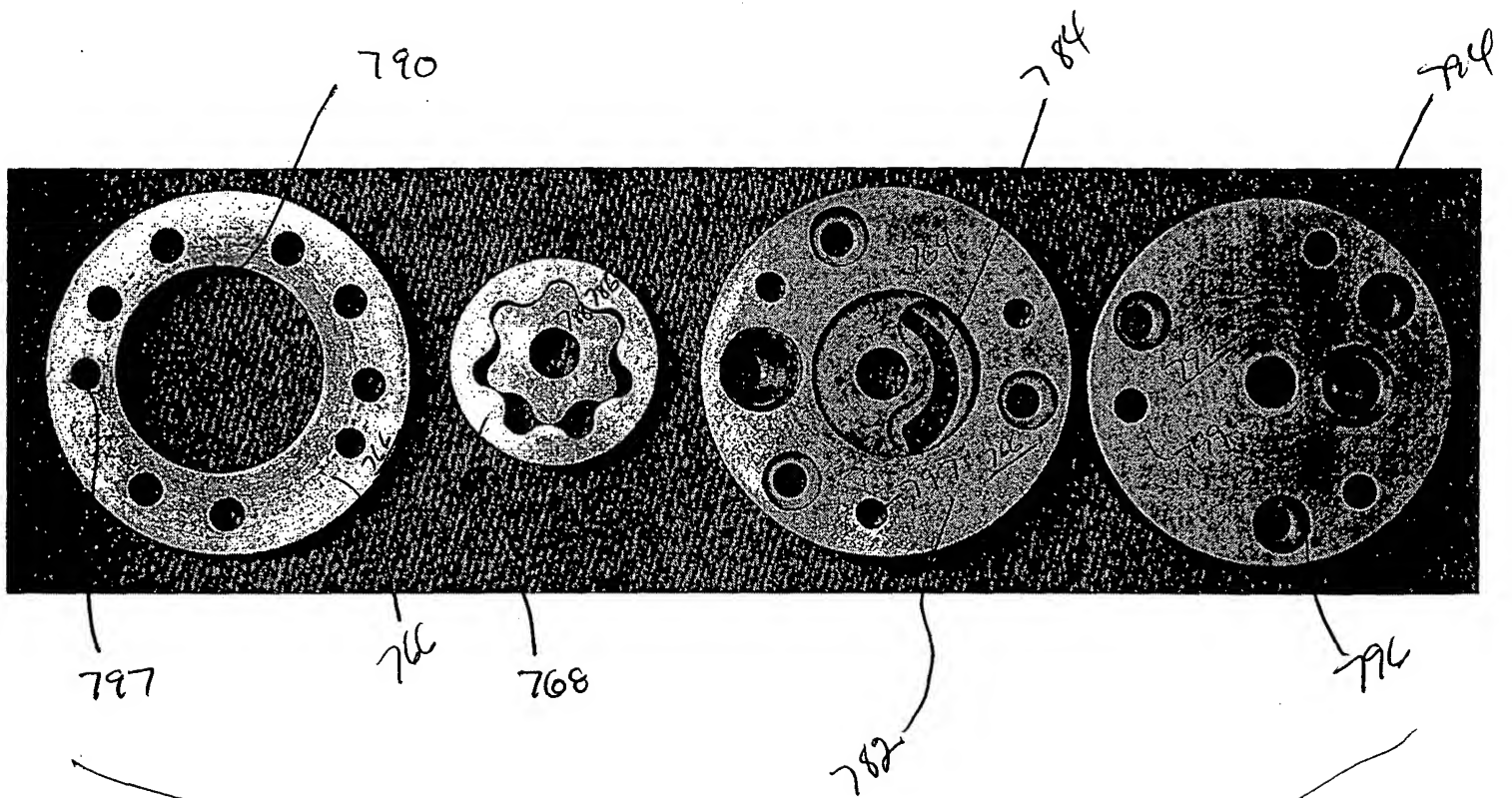
FIG. 96

794



766

768



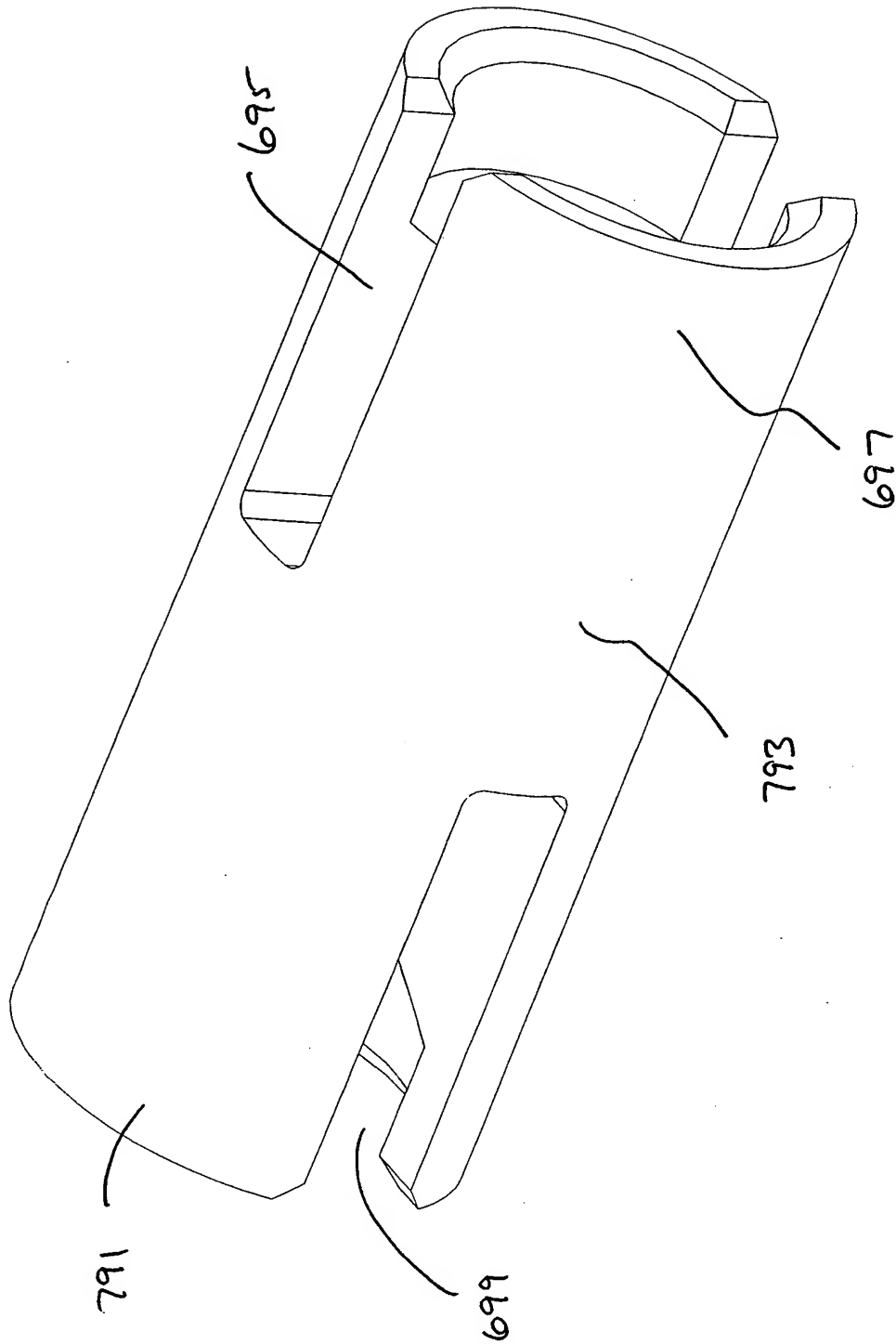


FIG. 98

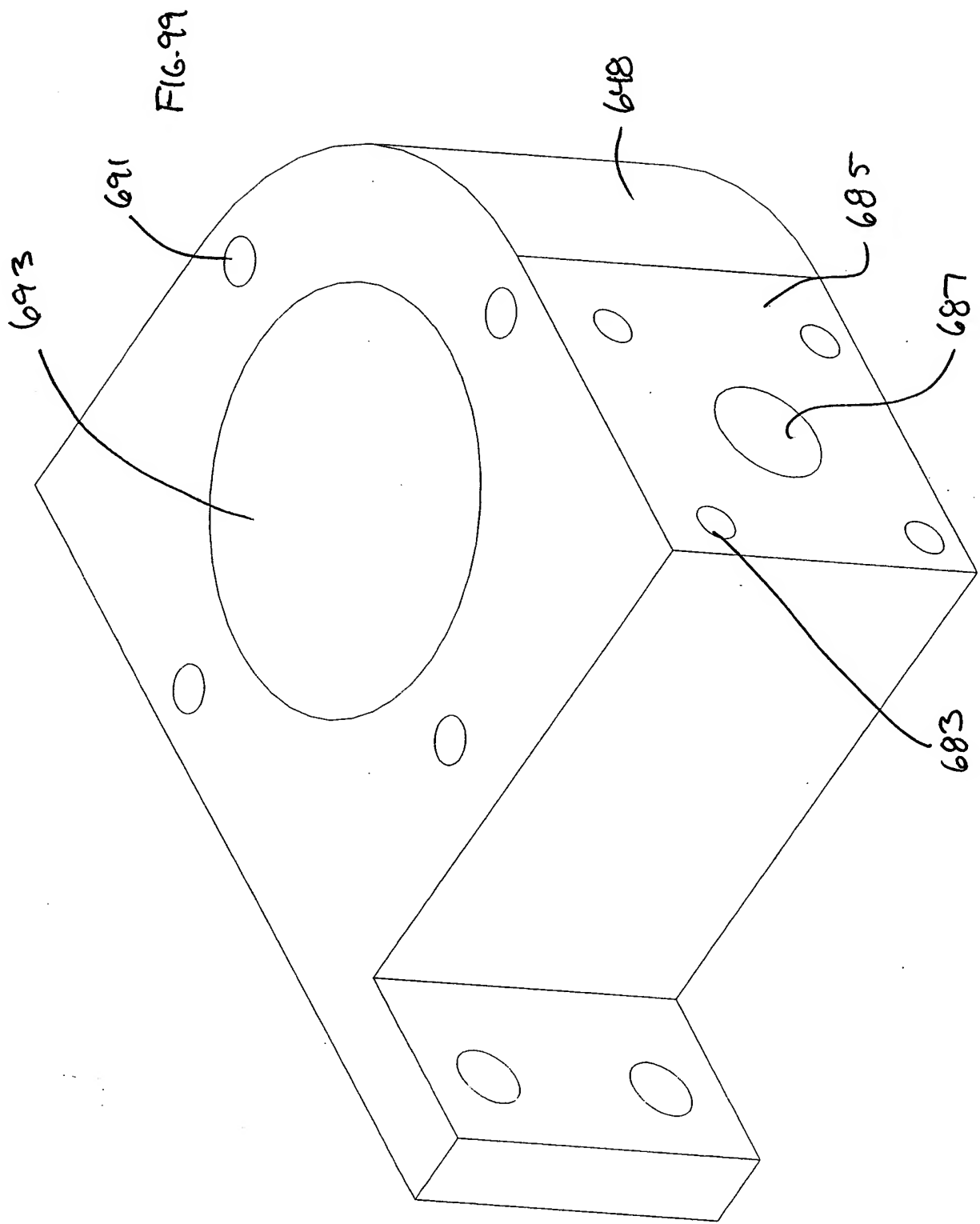
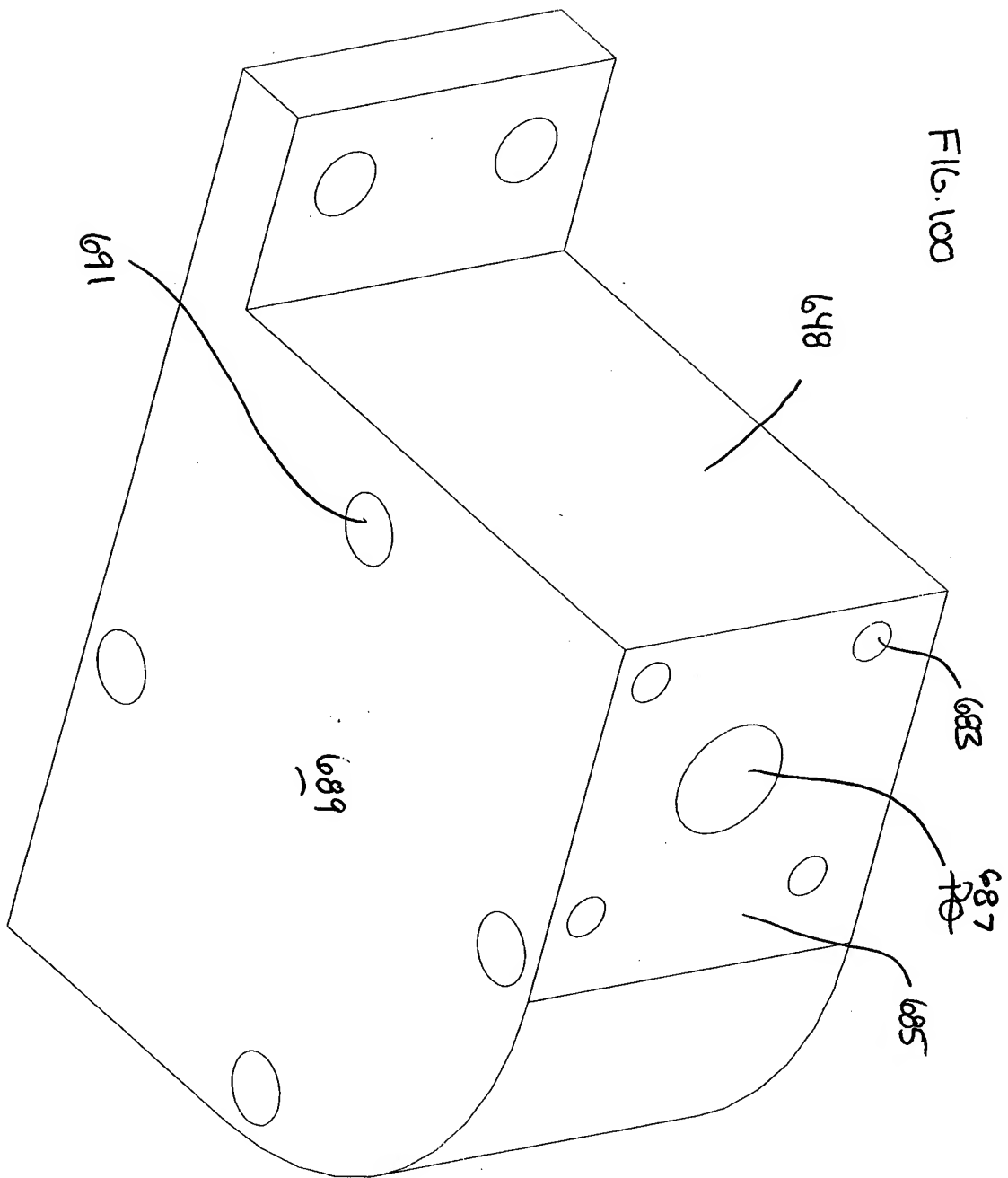
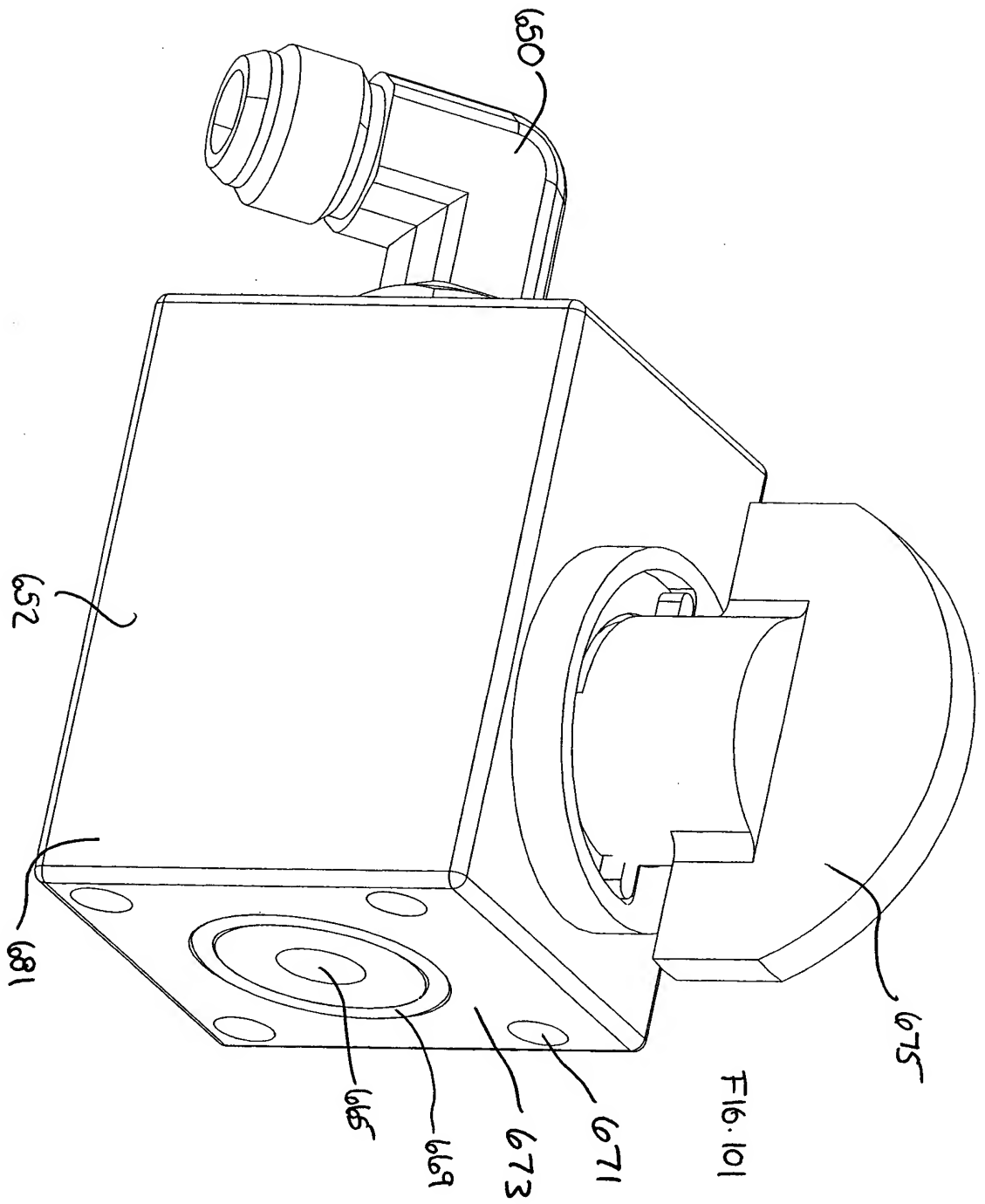


FIG. 100







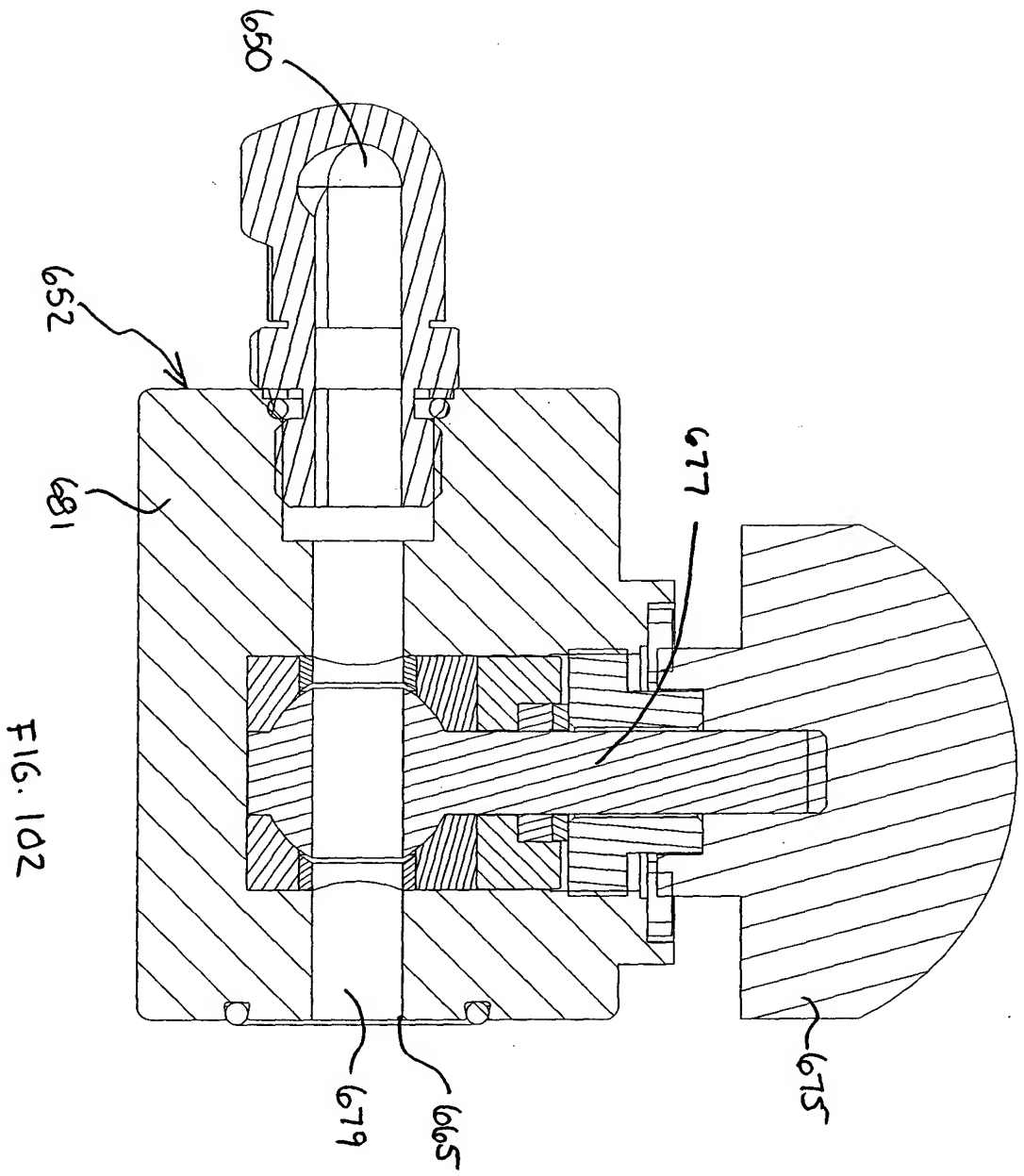
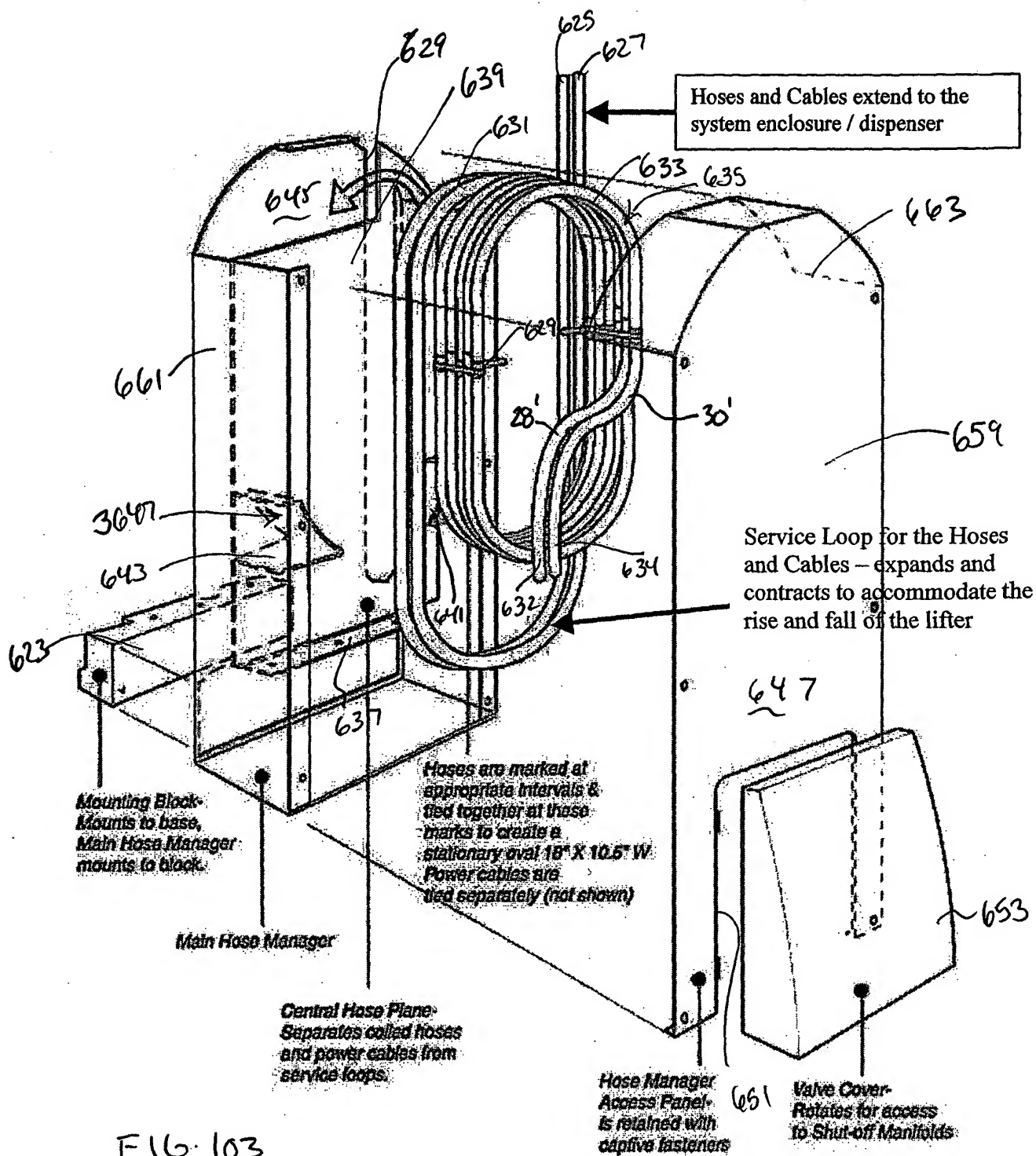


FIG. 102



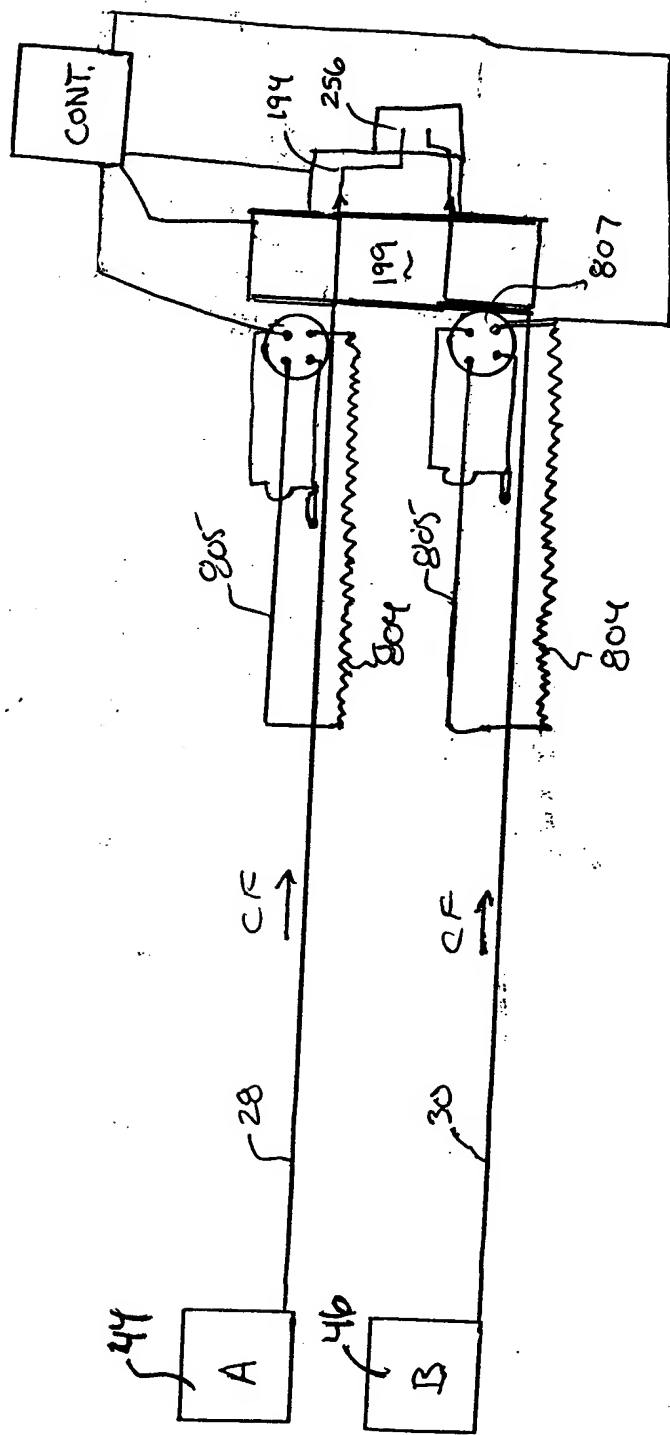


FIG. 104

FIG. 10S

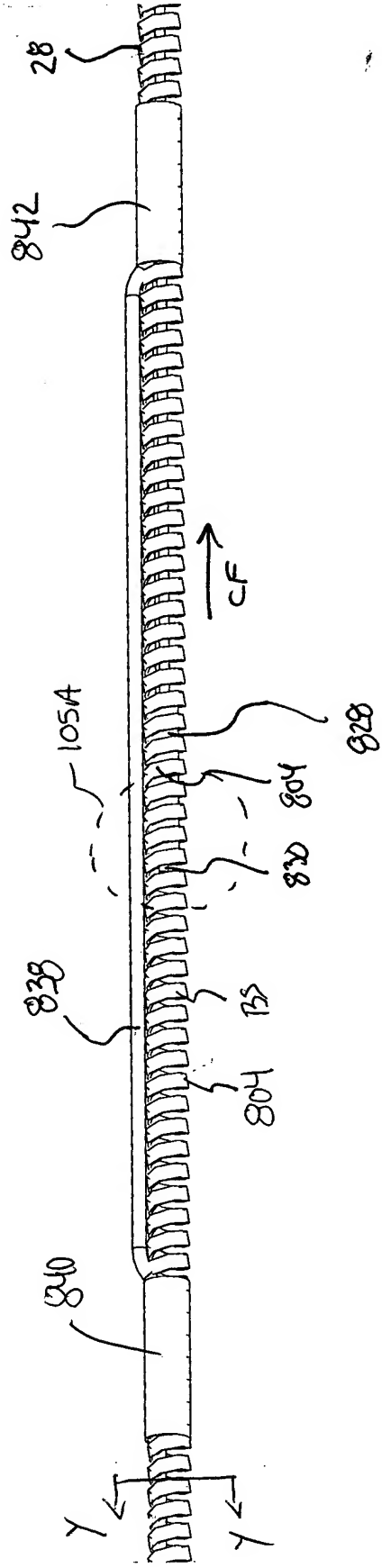


FIG. 105A

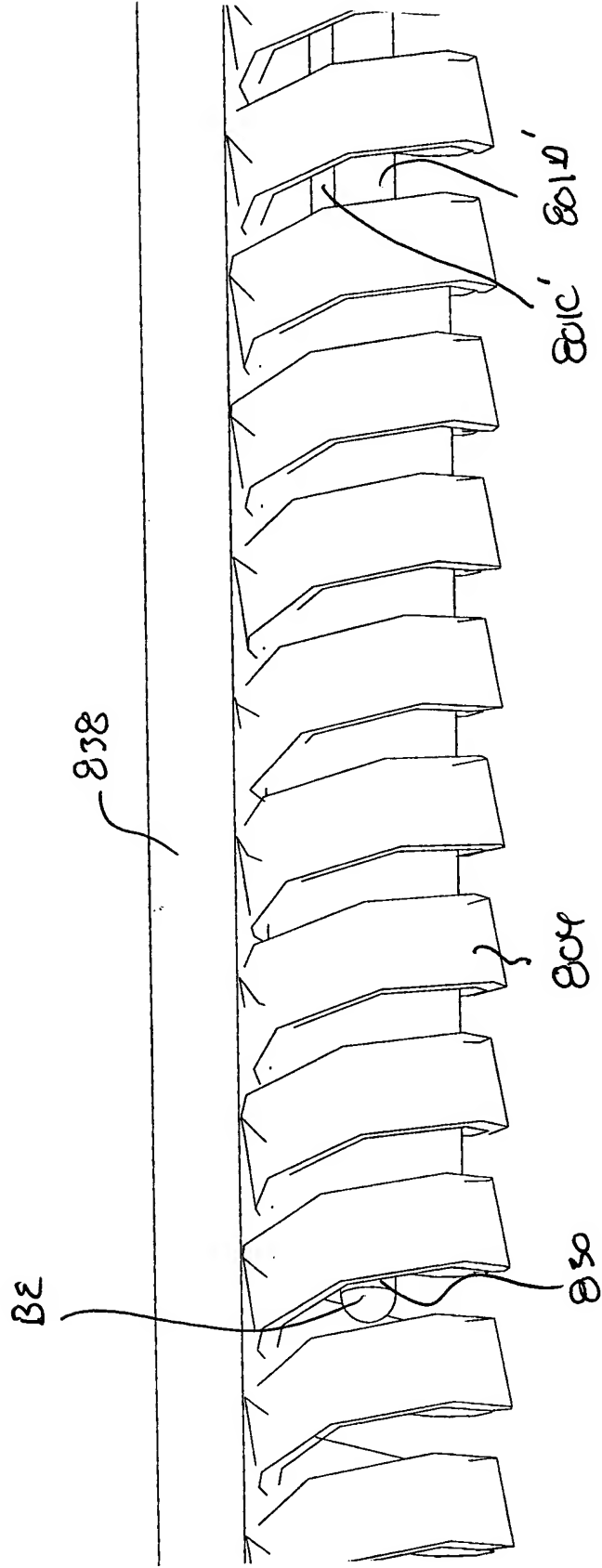
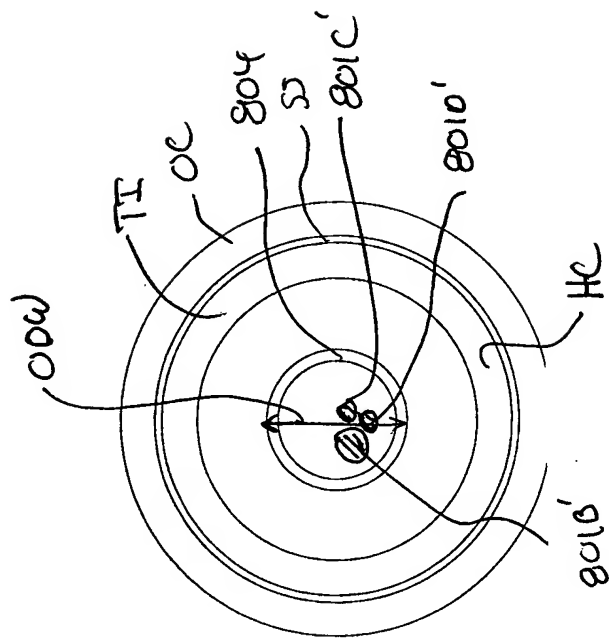


FIG. 106



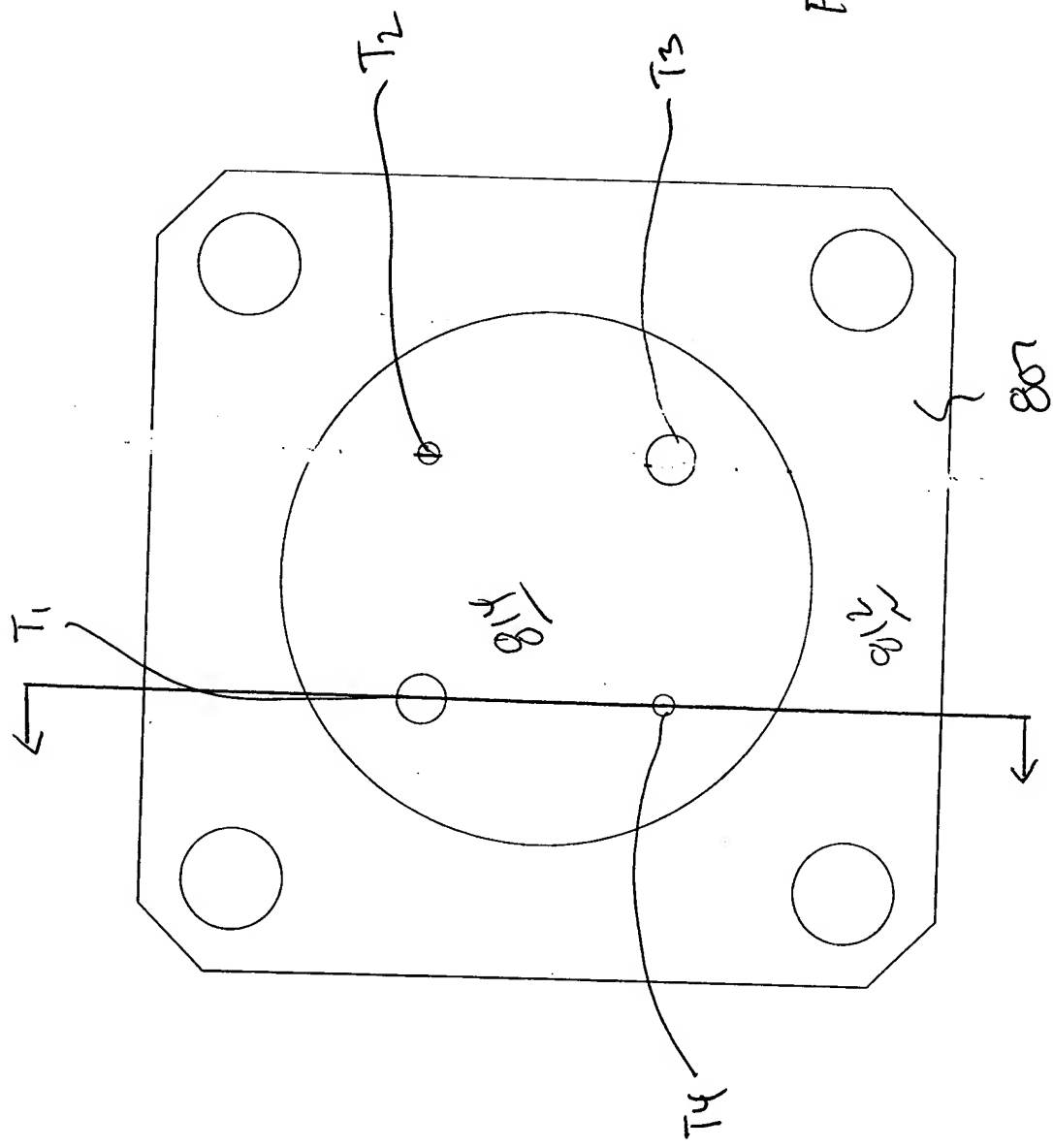


FIG. 107



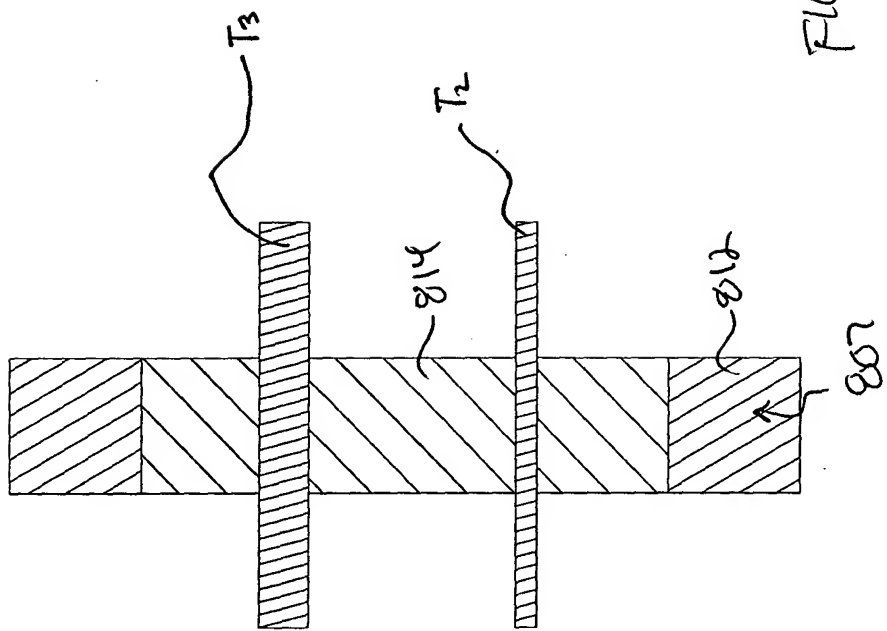


FIG. 108

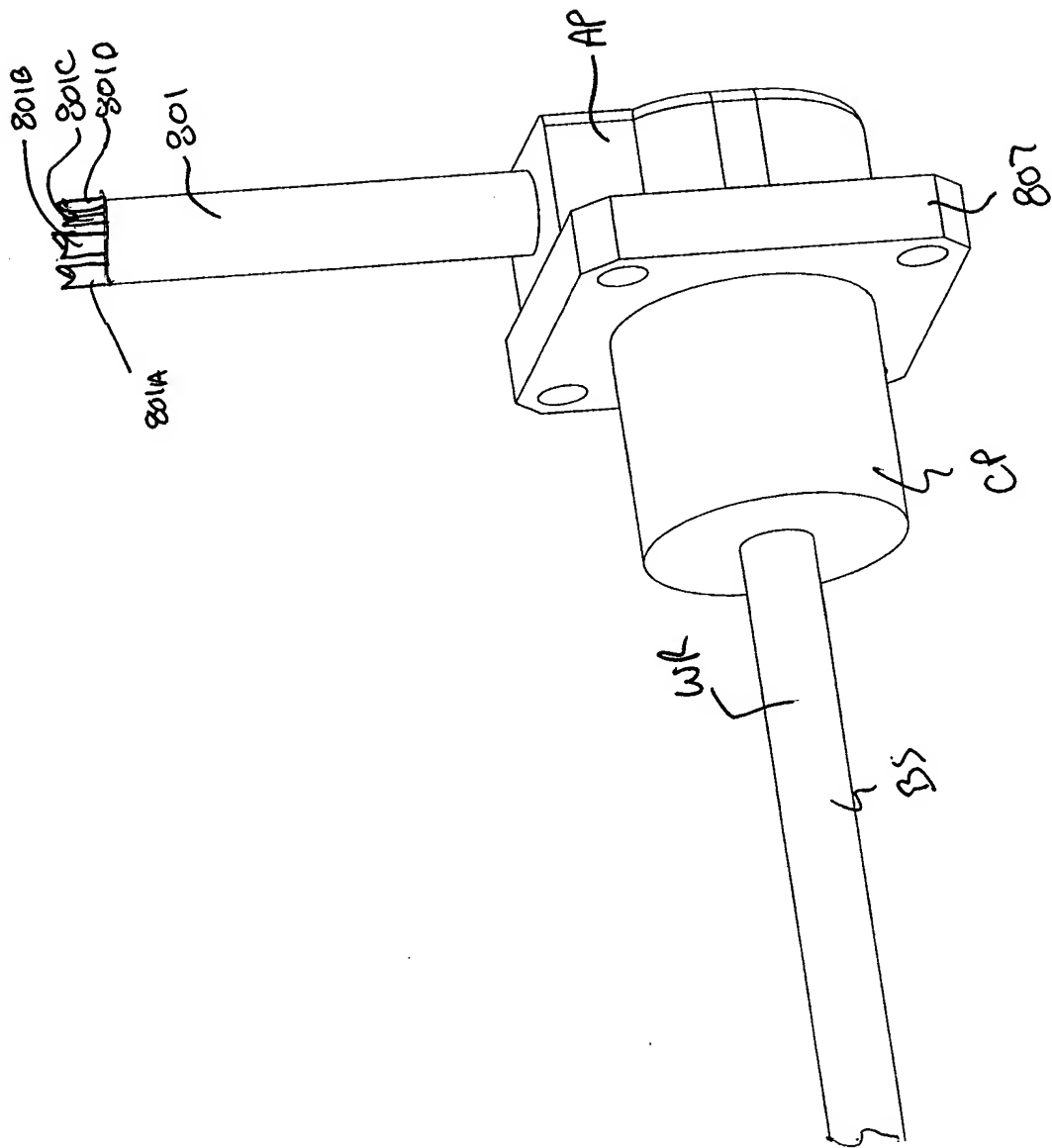


FIG. 109

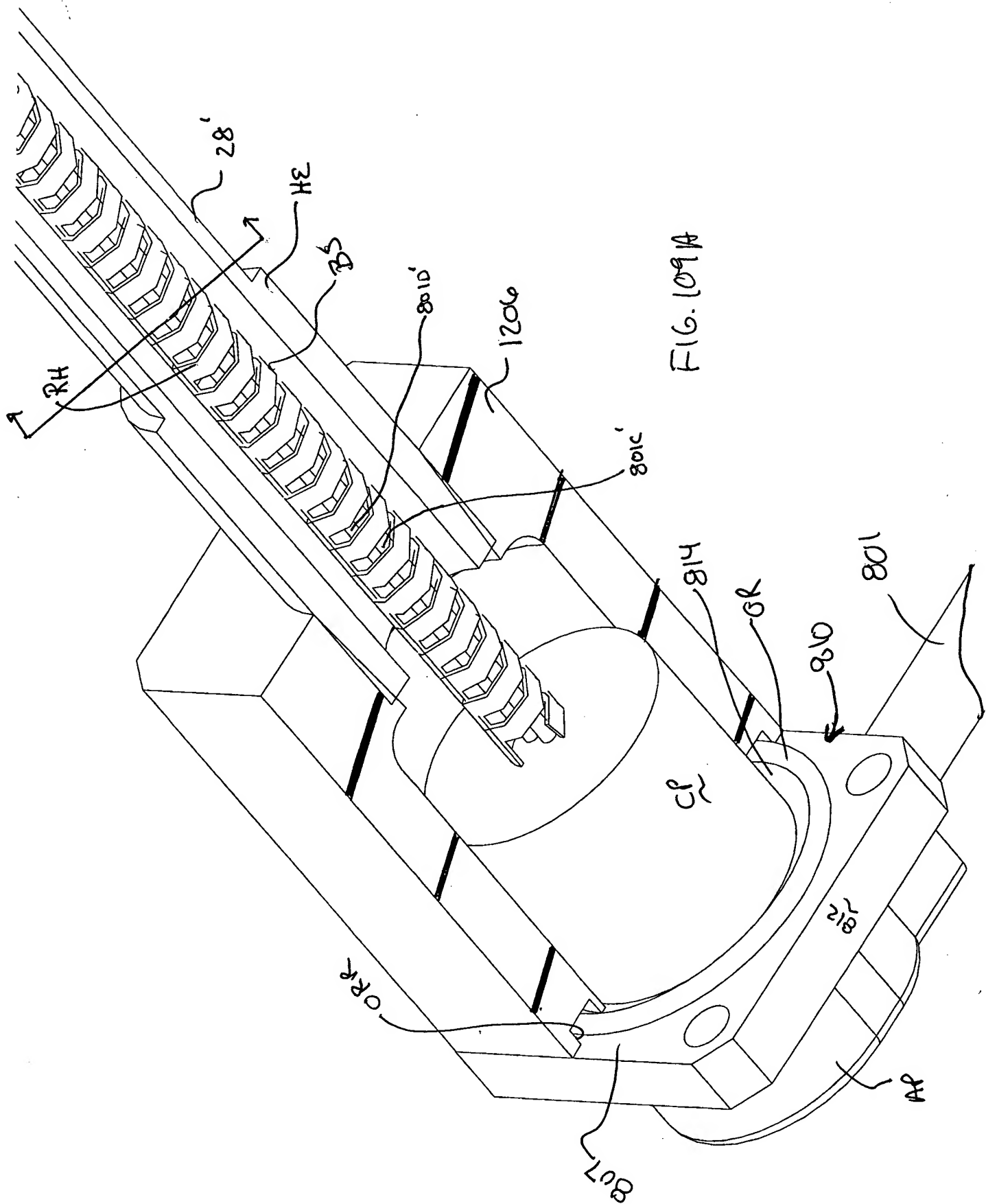
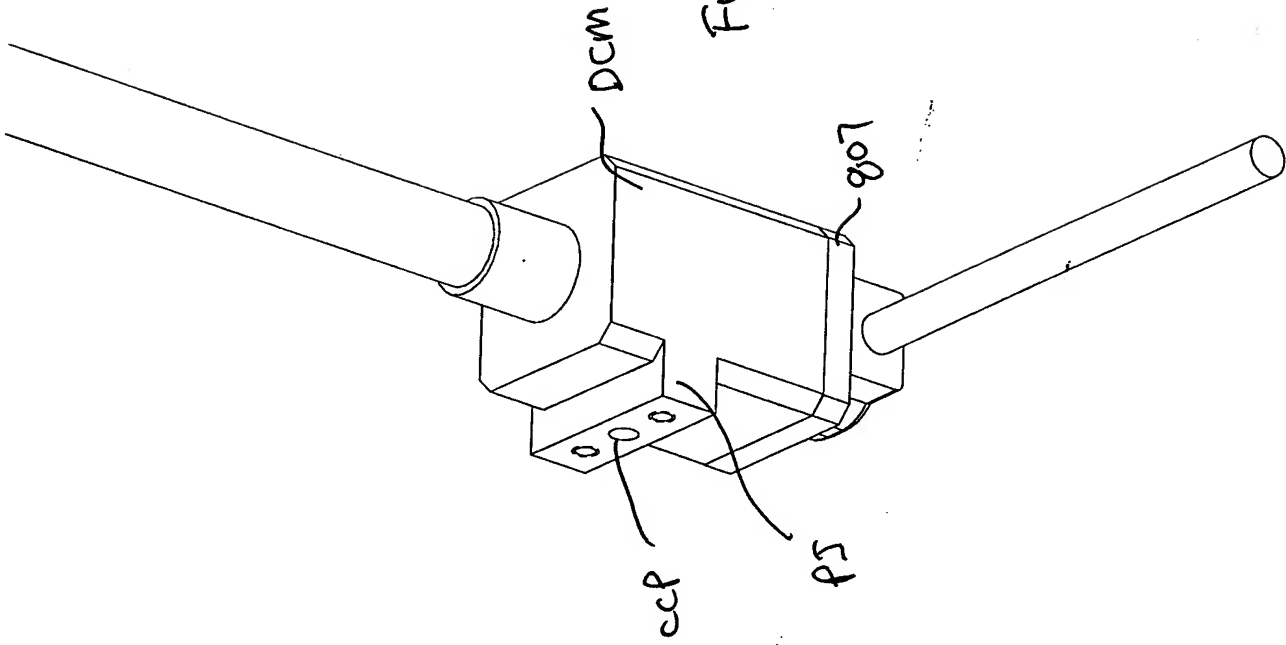
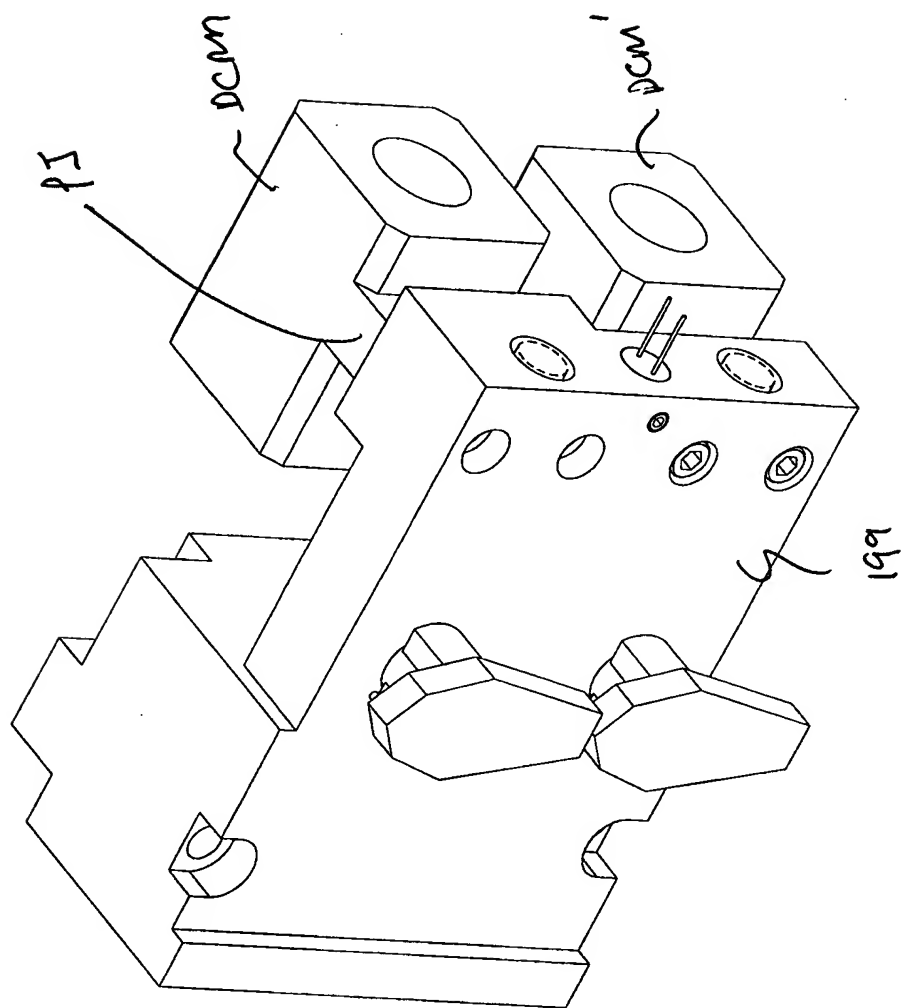


FIG. 109A

FIG. 109B





109C

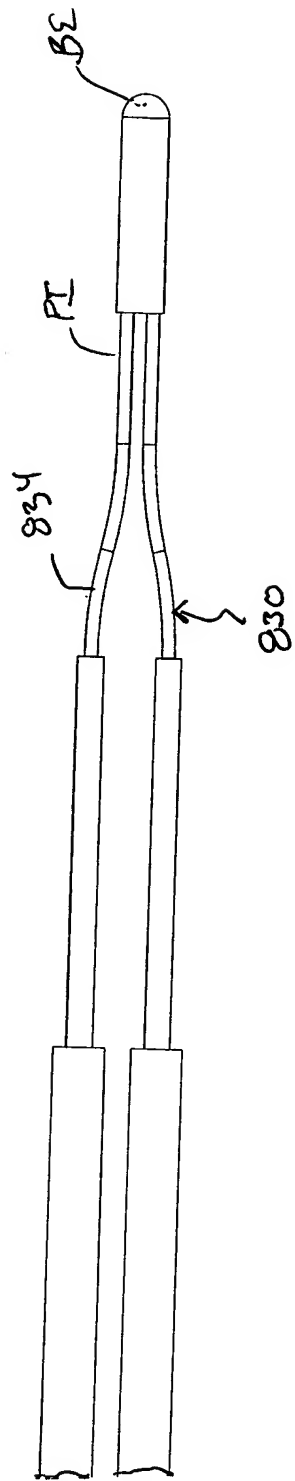


FIG. 110

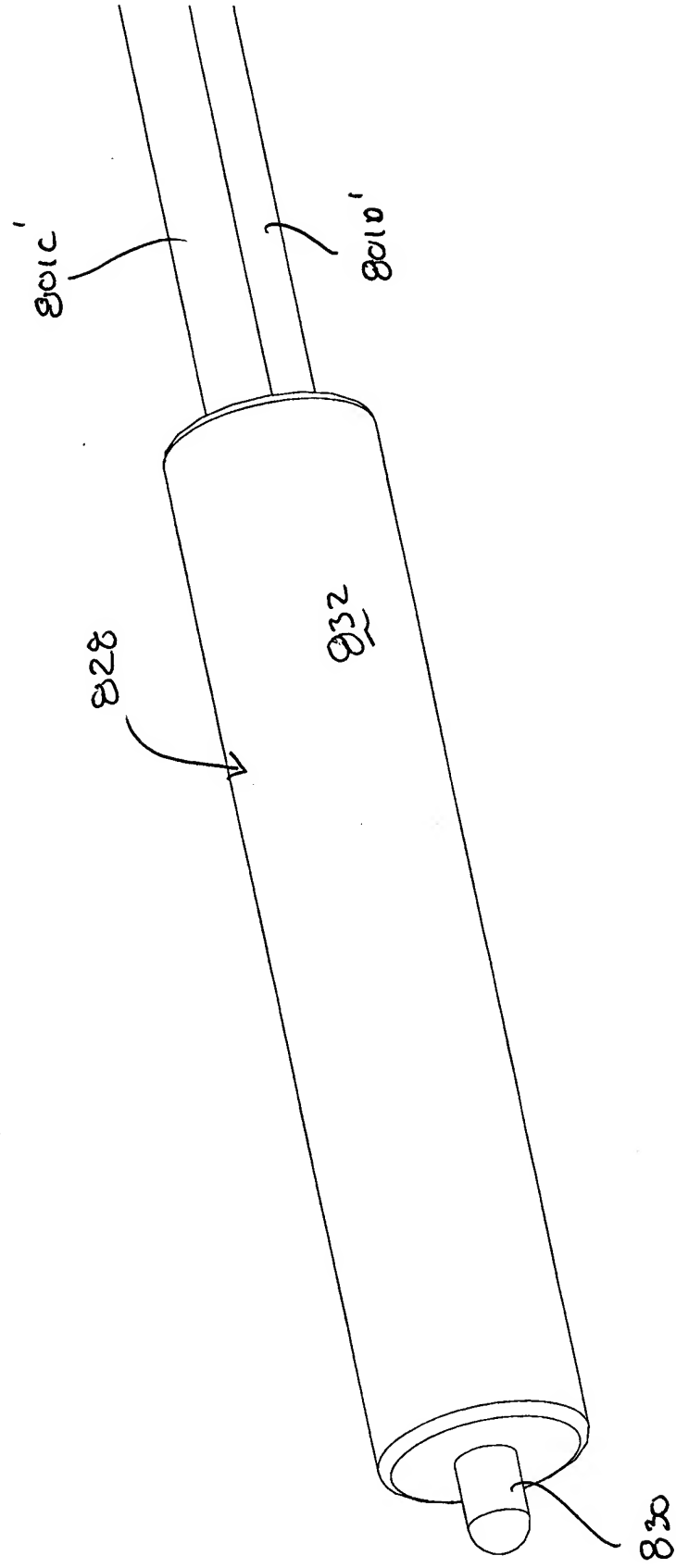


FIG. 110A

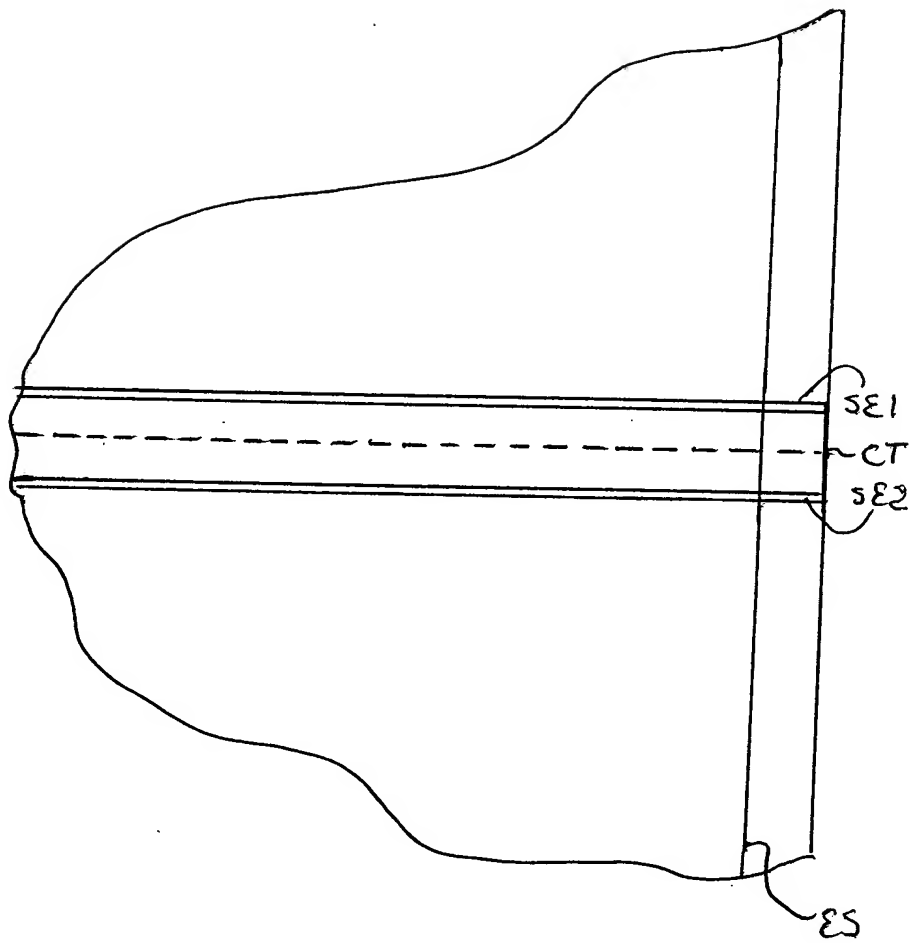


FIG. III



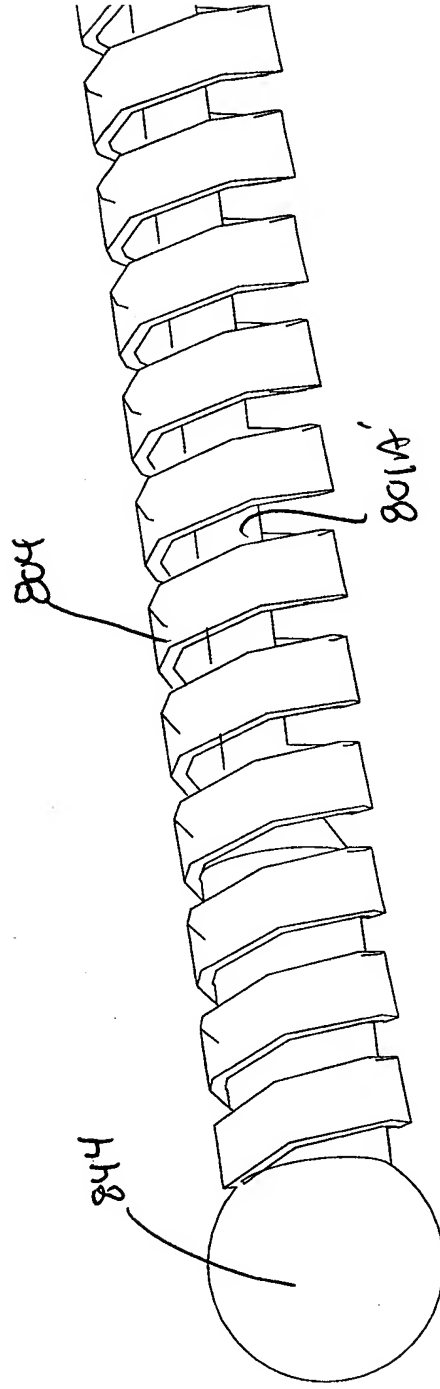


FIG. 112

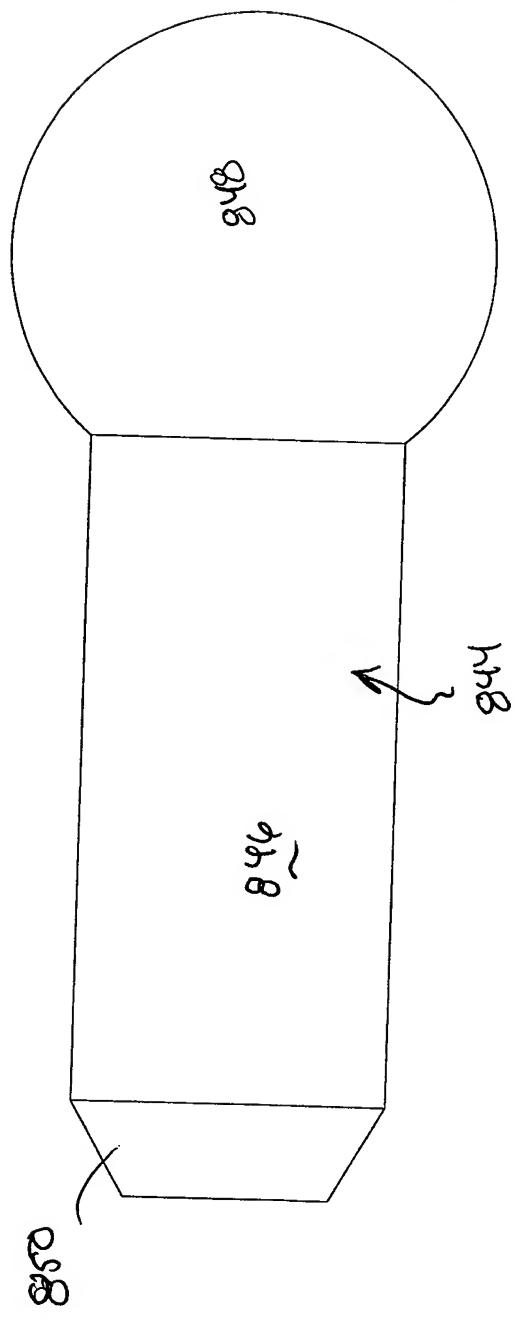


FIG. 113

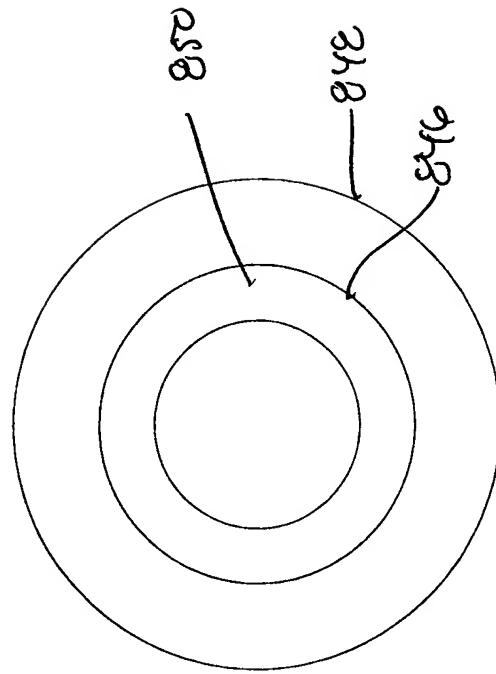


FIG. 113A

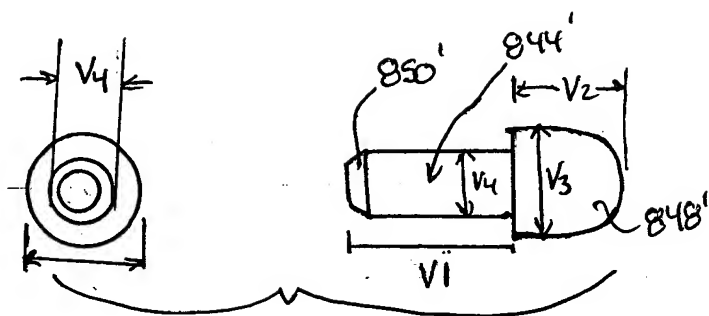
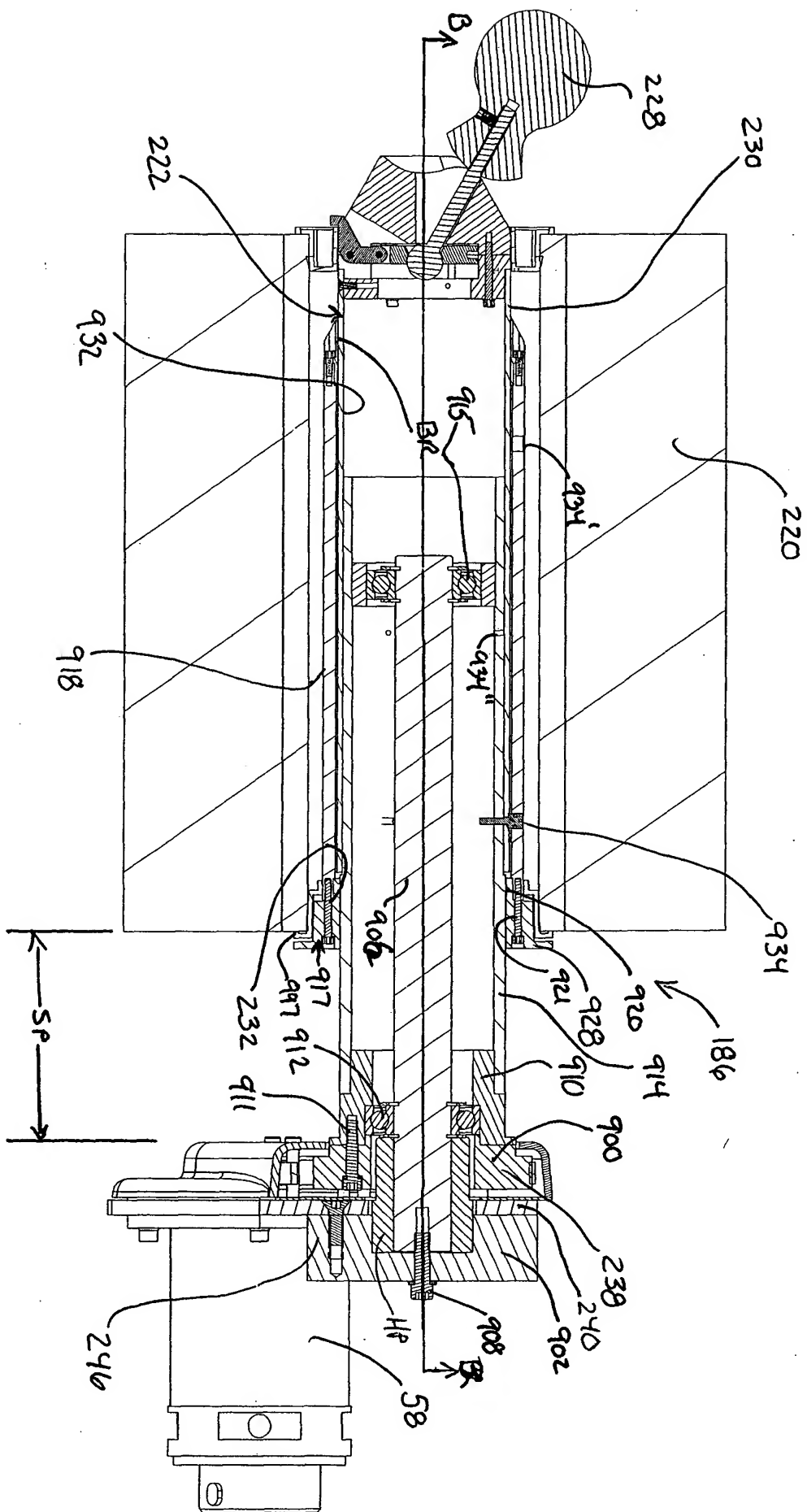


FIG. 114



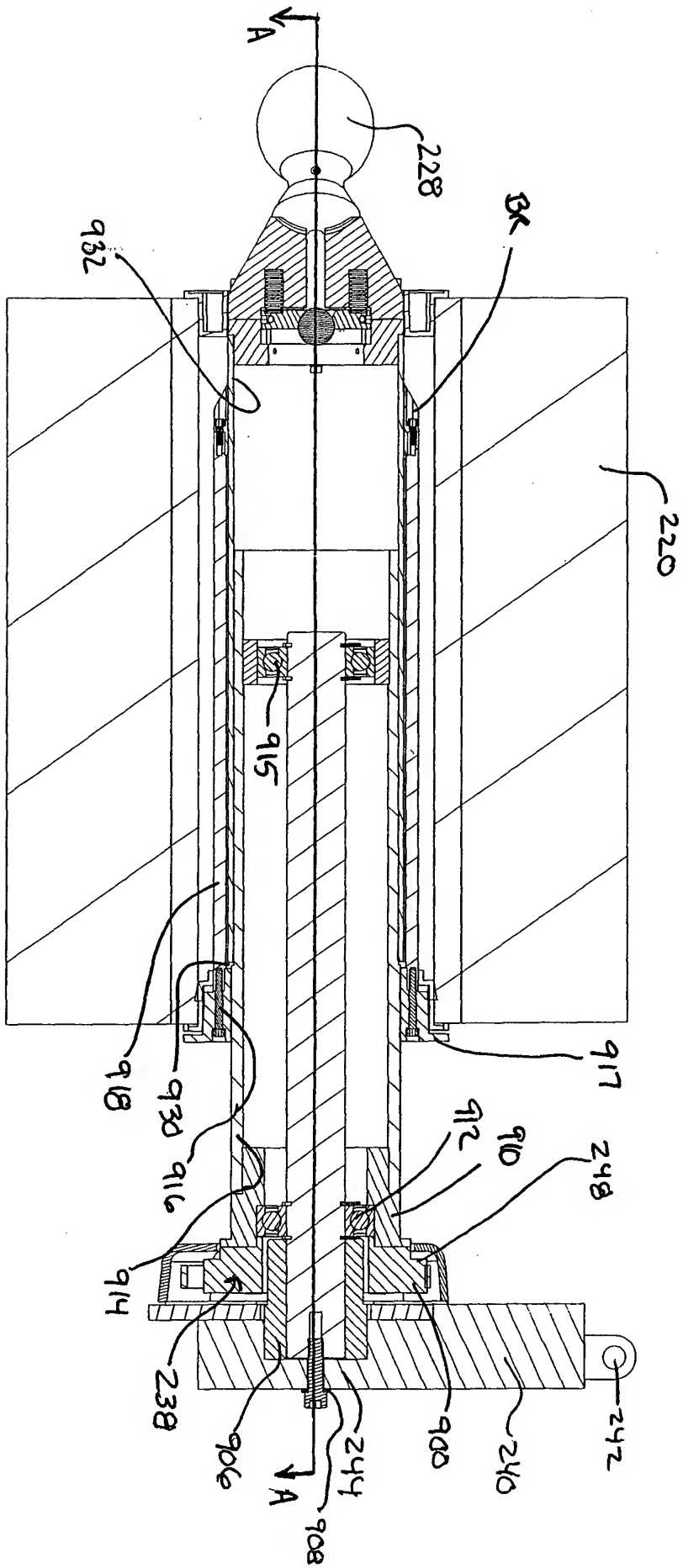


FIG. 11b

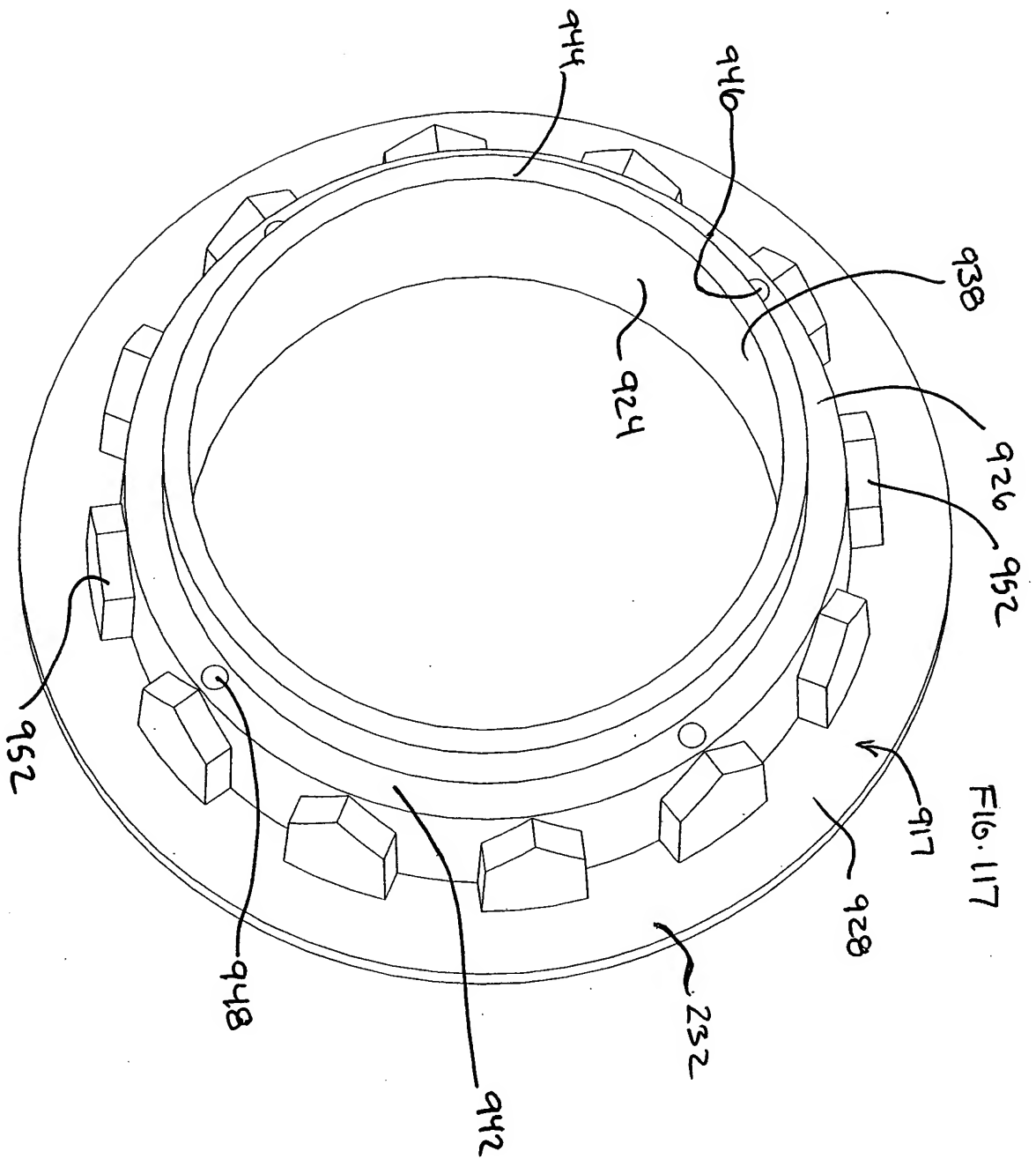


FIG. 117

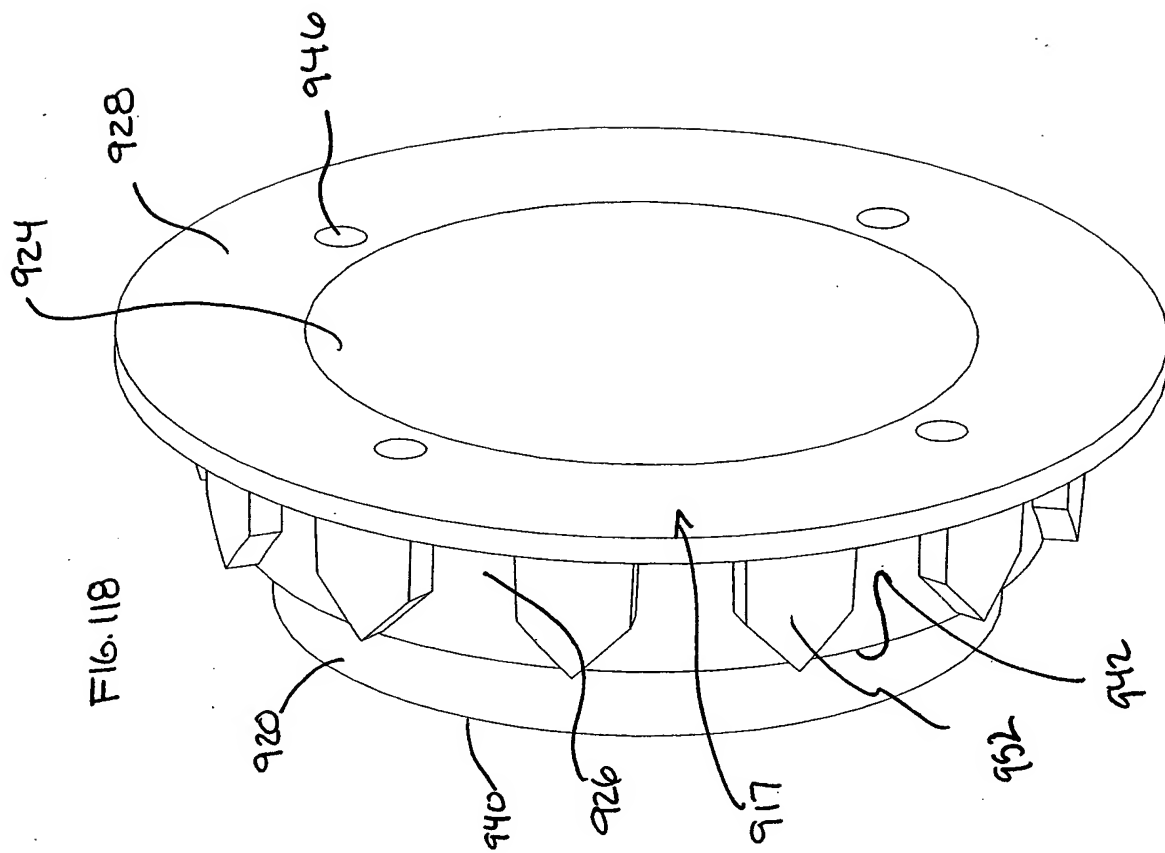
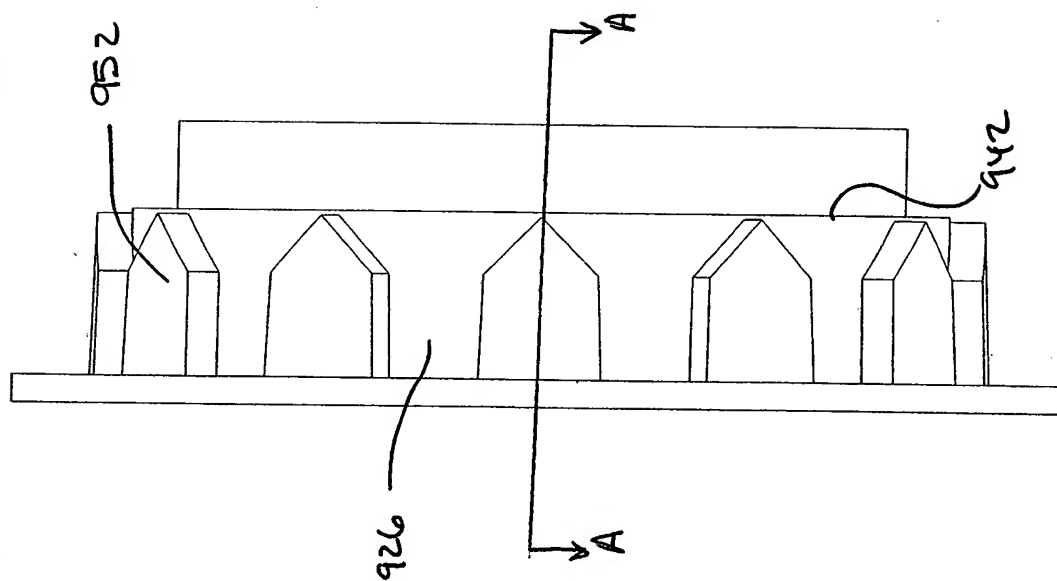


FIG. 118



FIG. 119



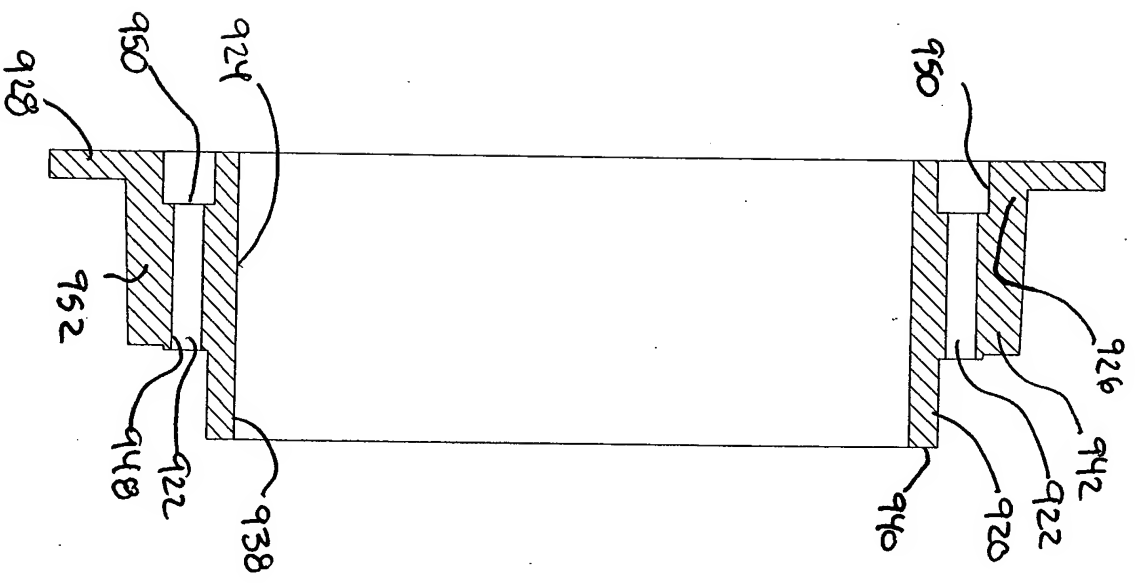
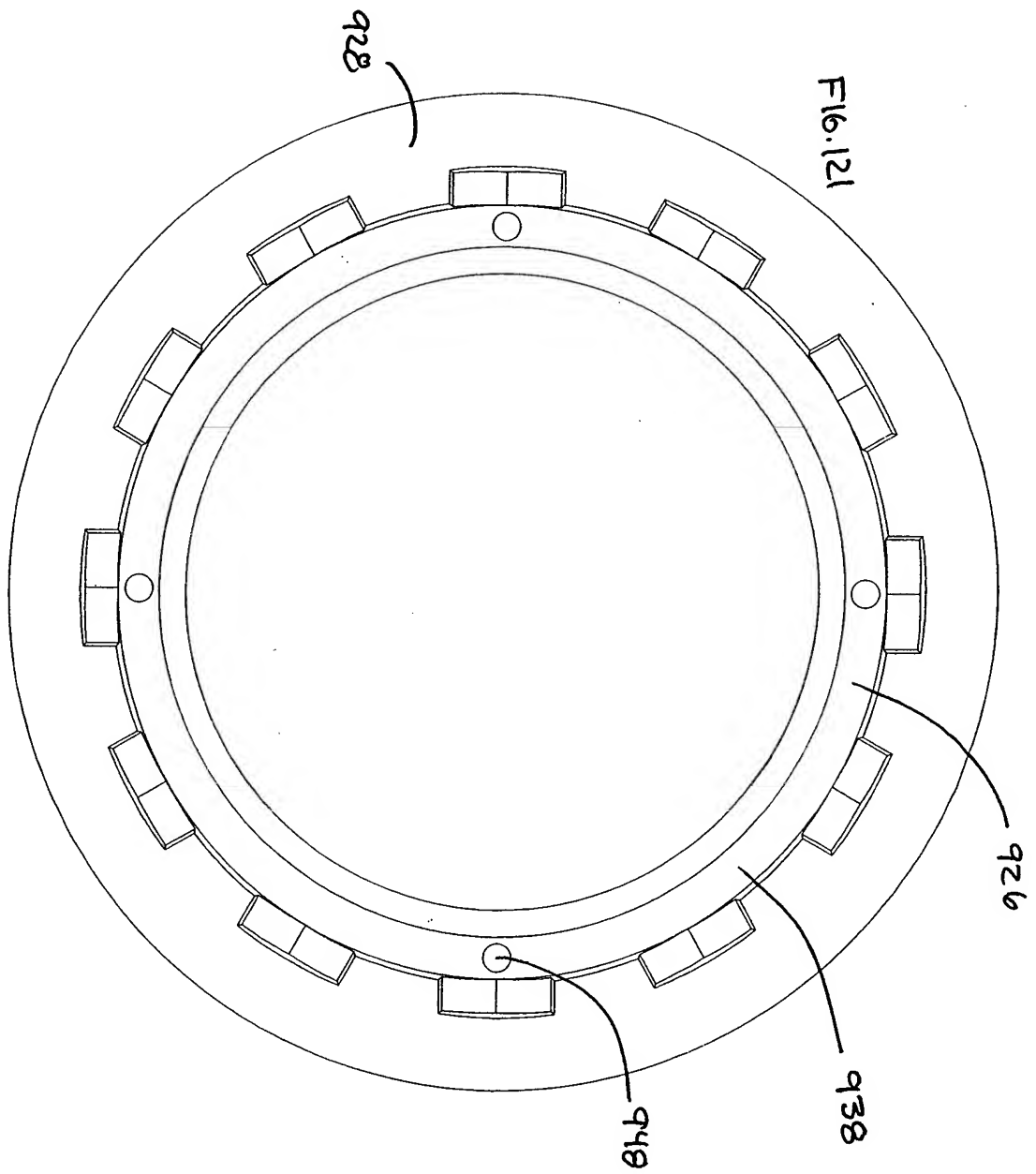


FIG. 120



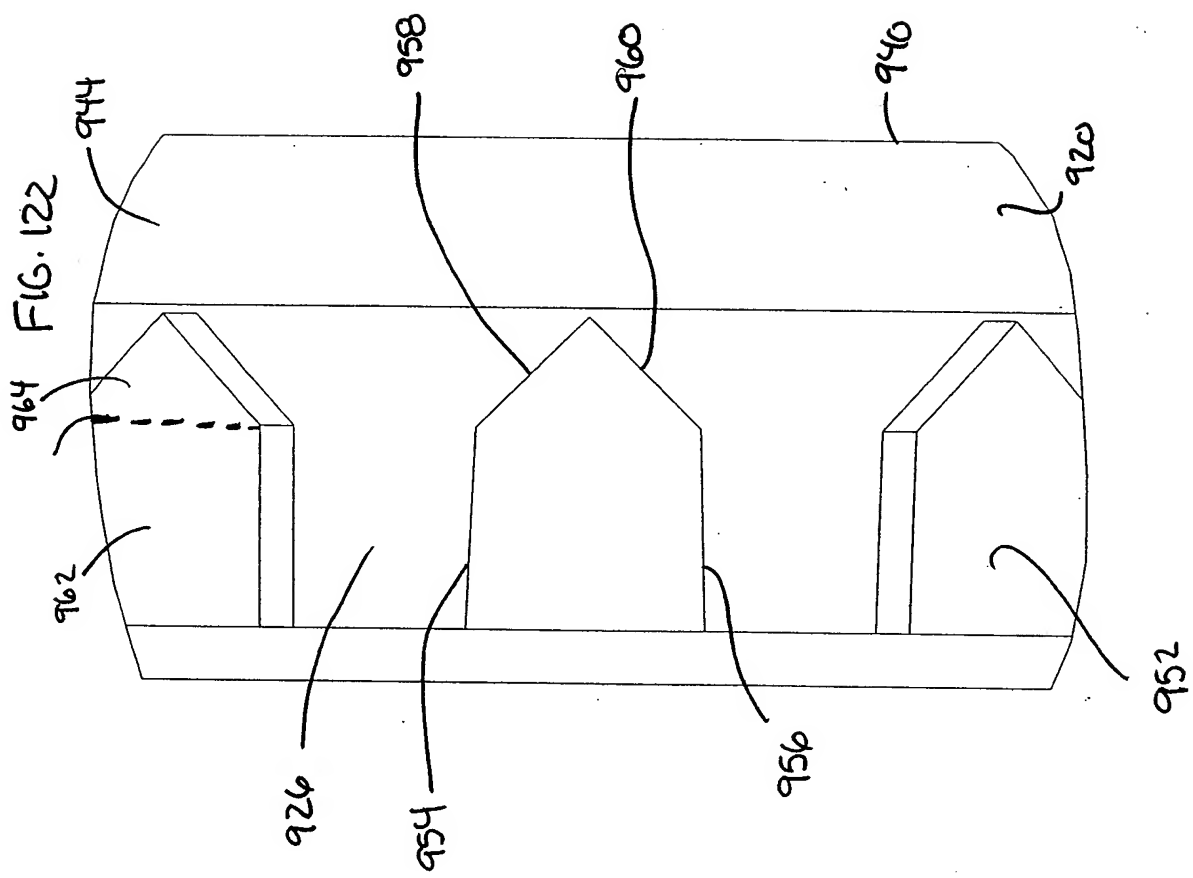
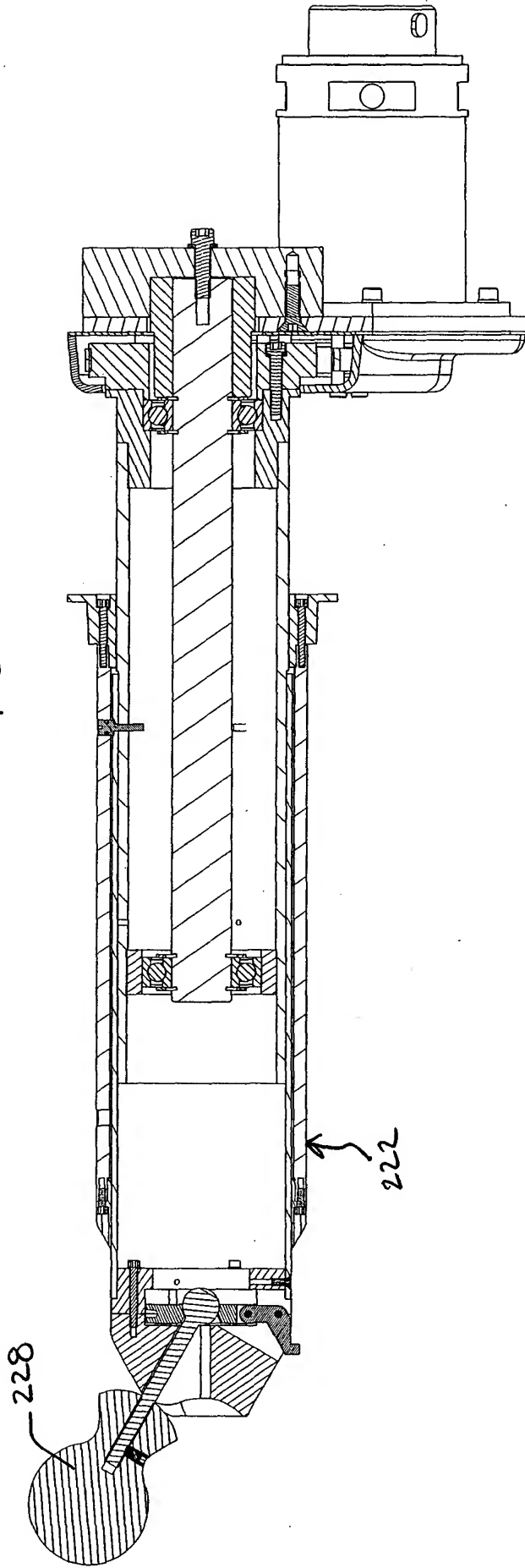


FIG. 123



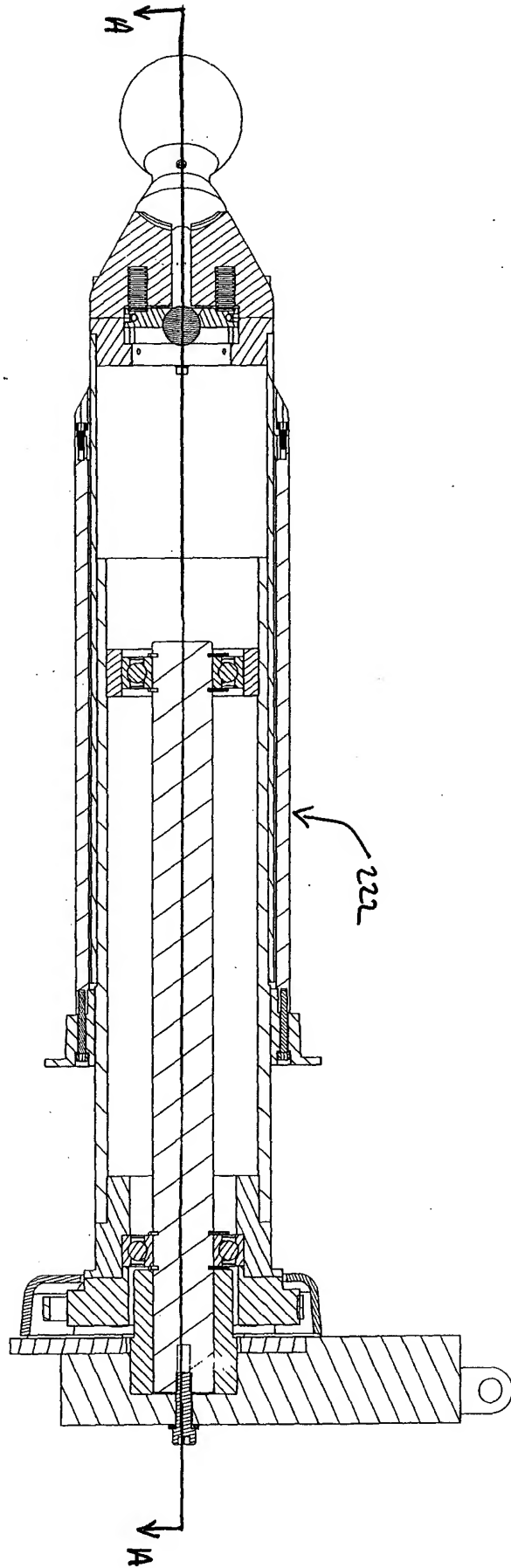


FIG. 124

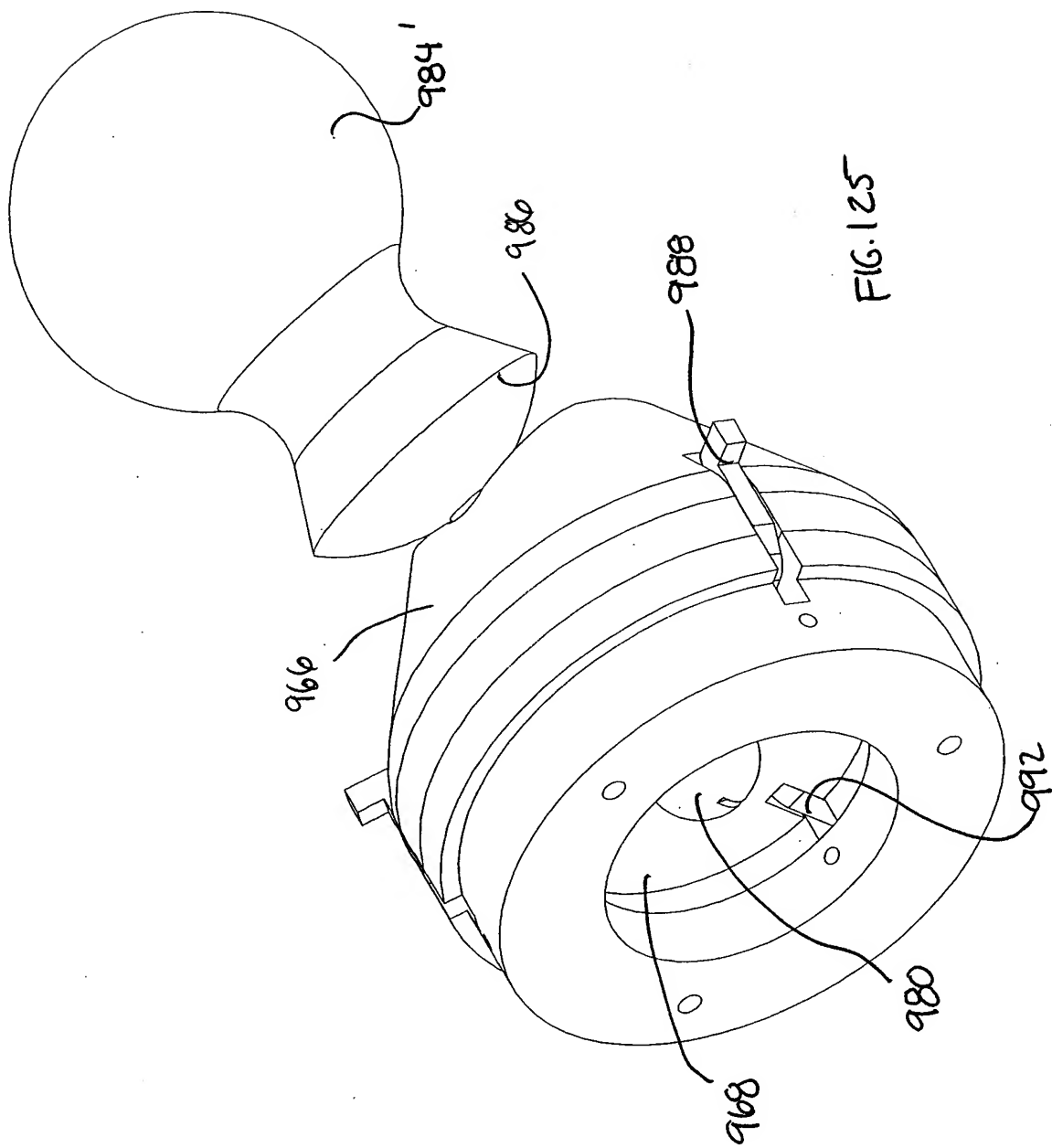


FIG. 125

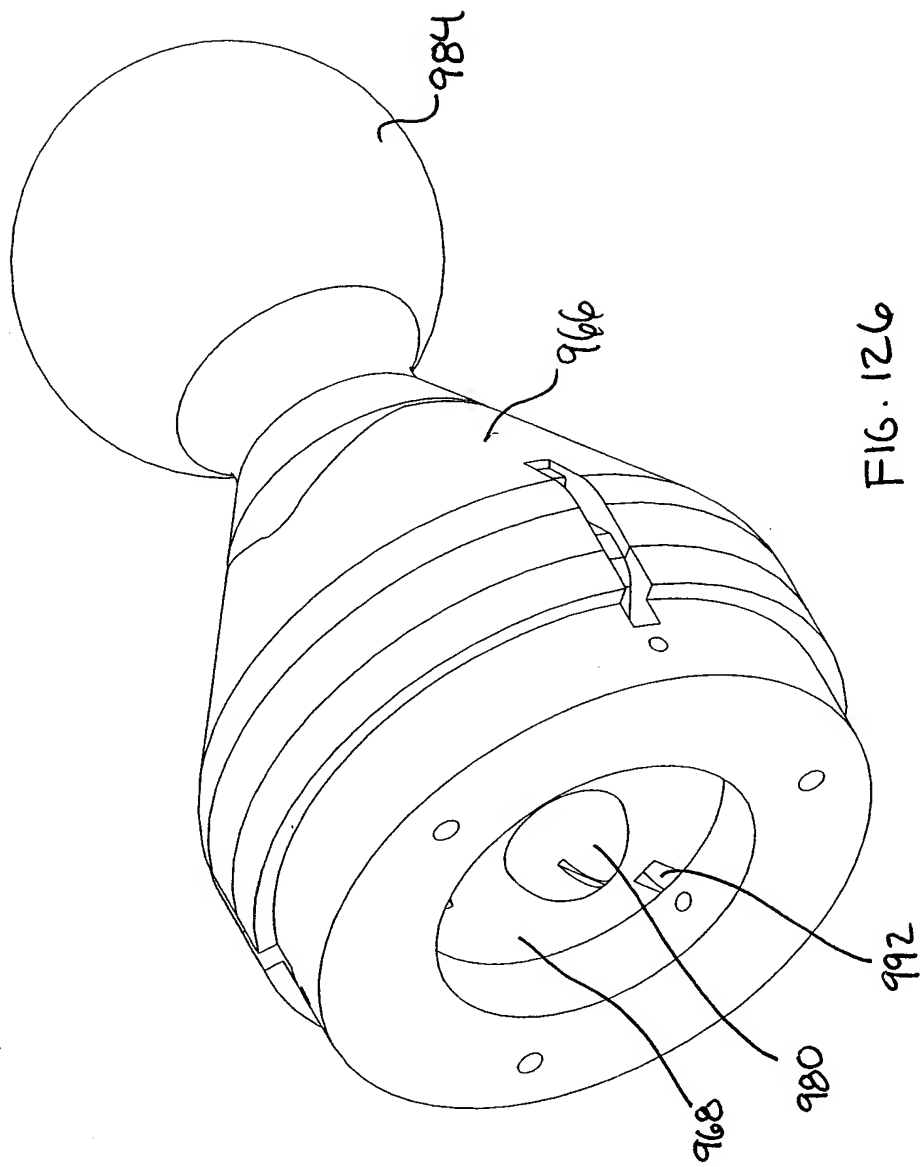


FIG. 126



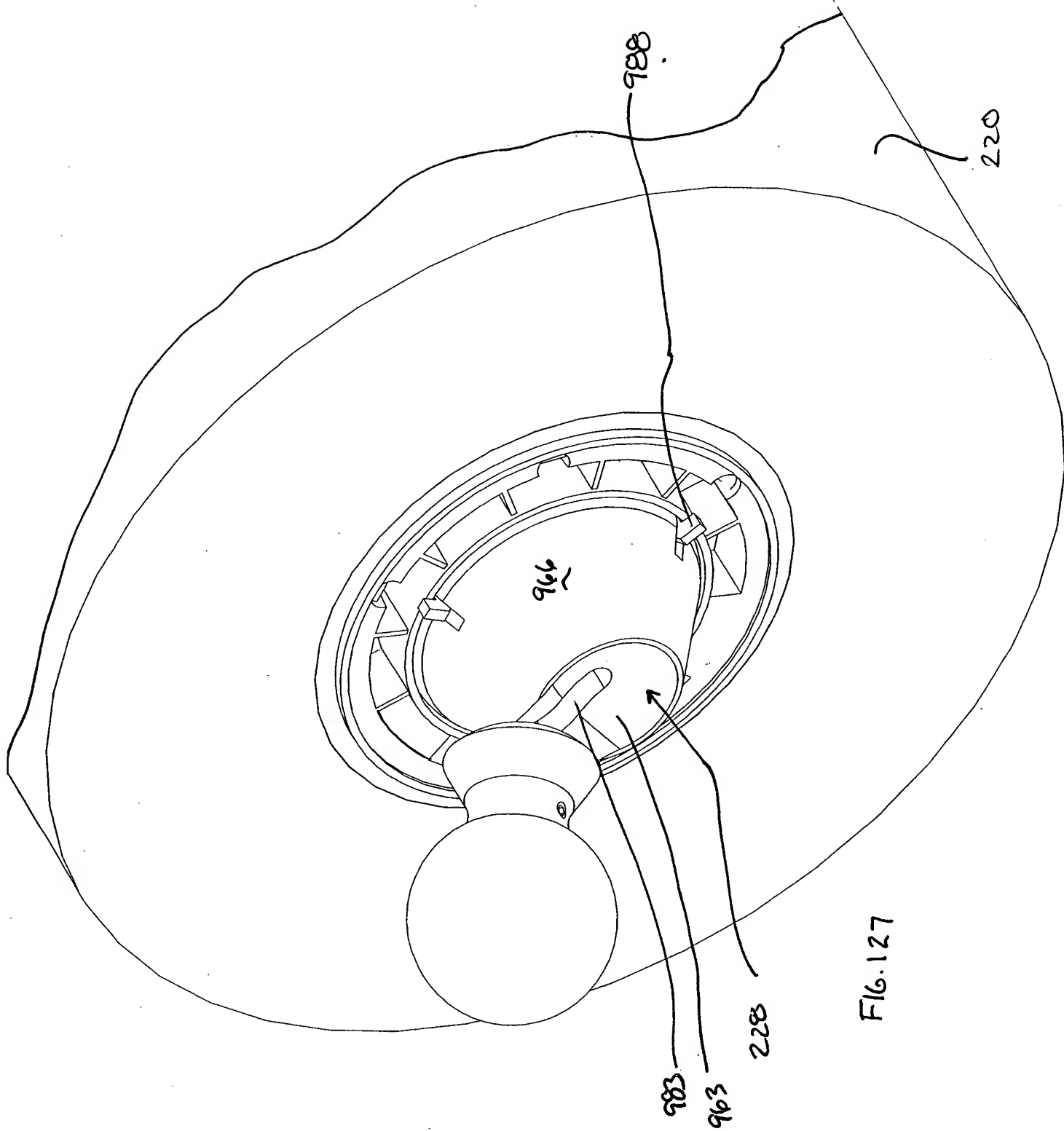


FIG. 127

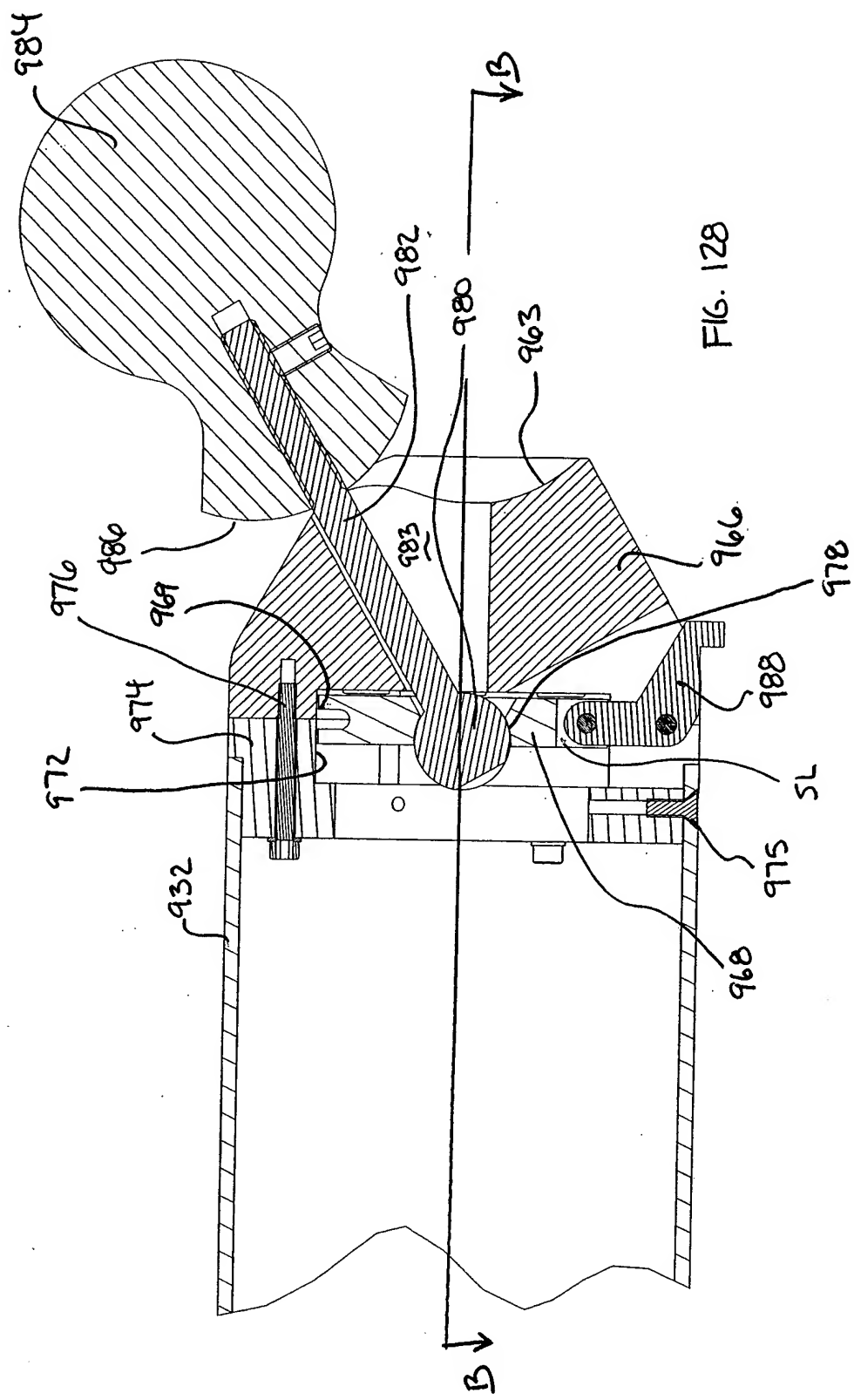


FIG. 128

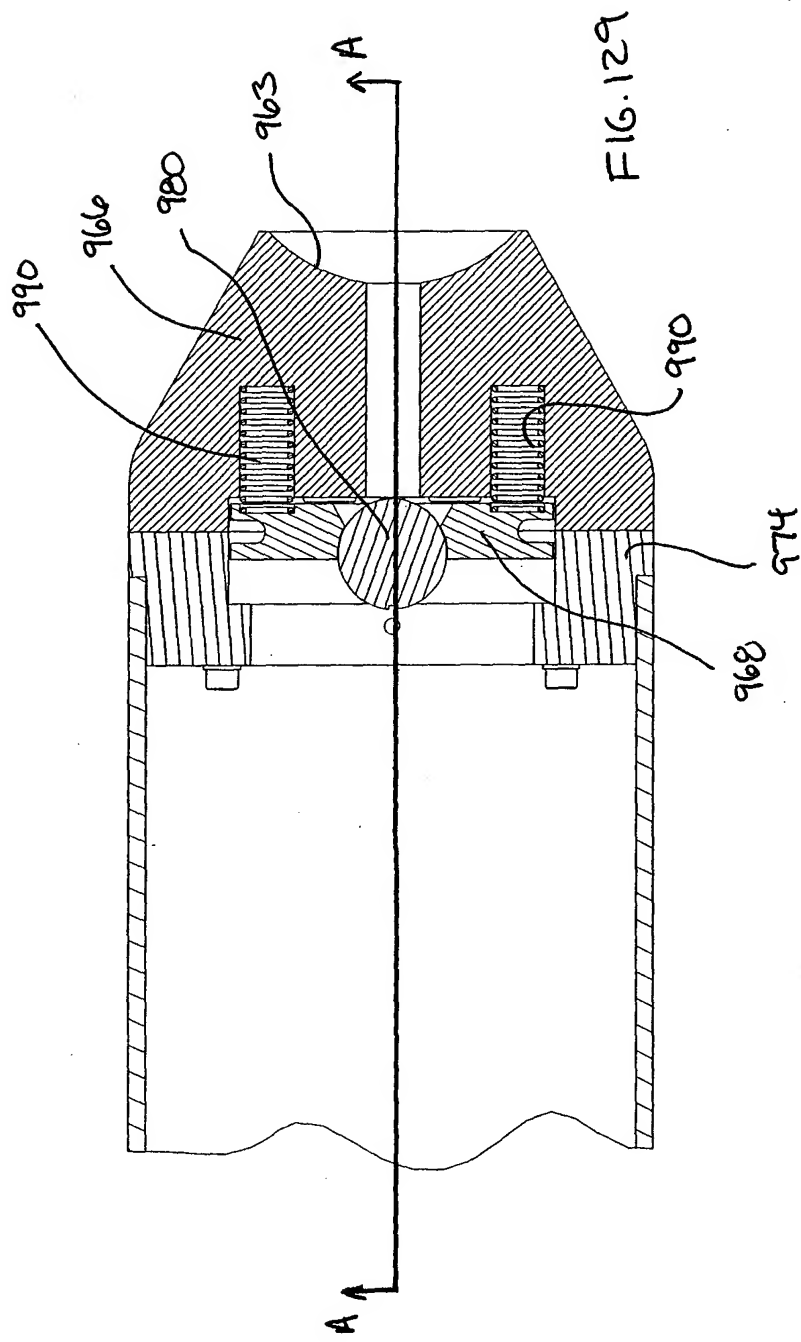


FIG. 129

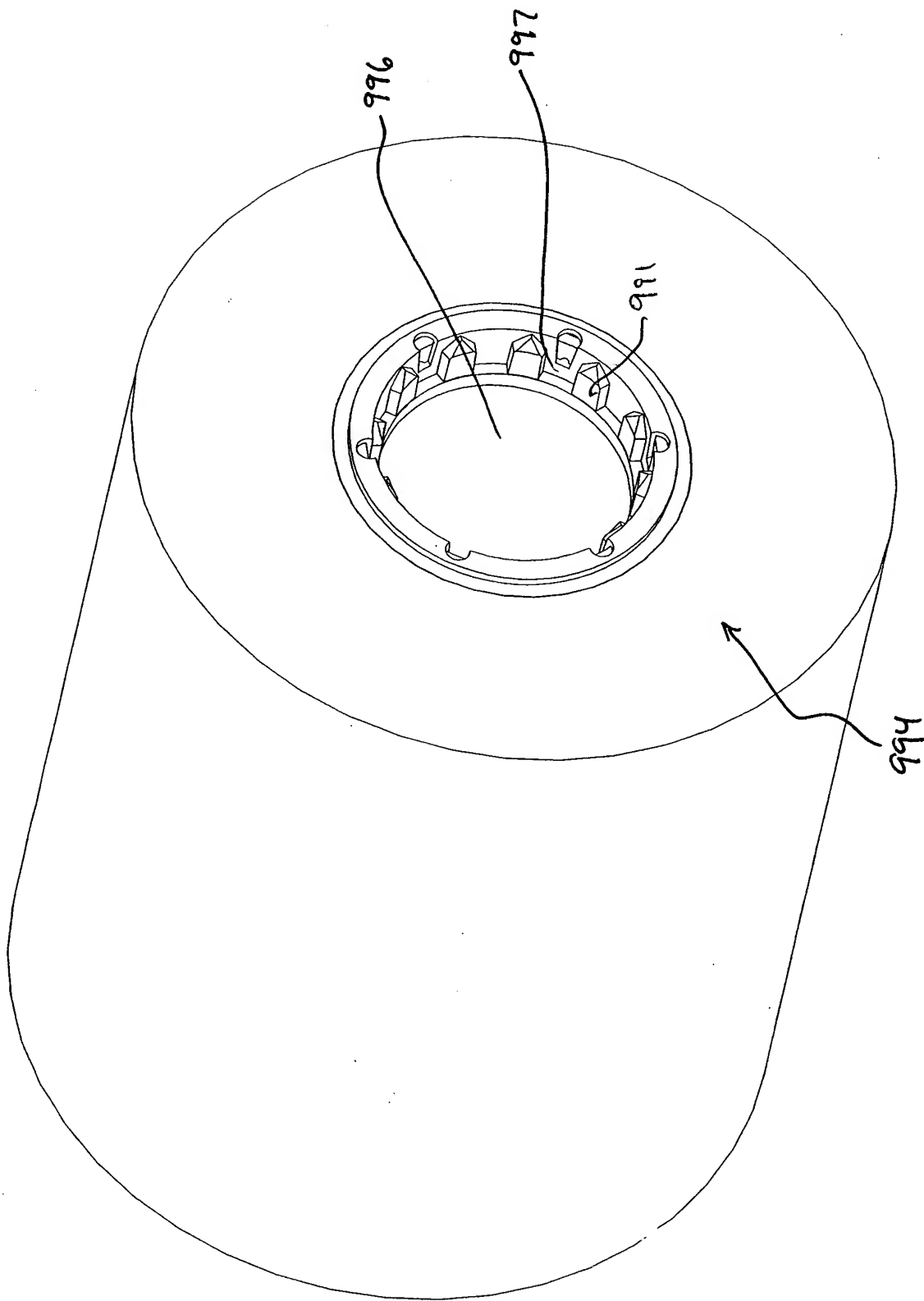
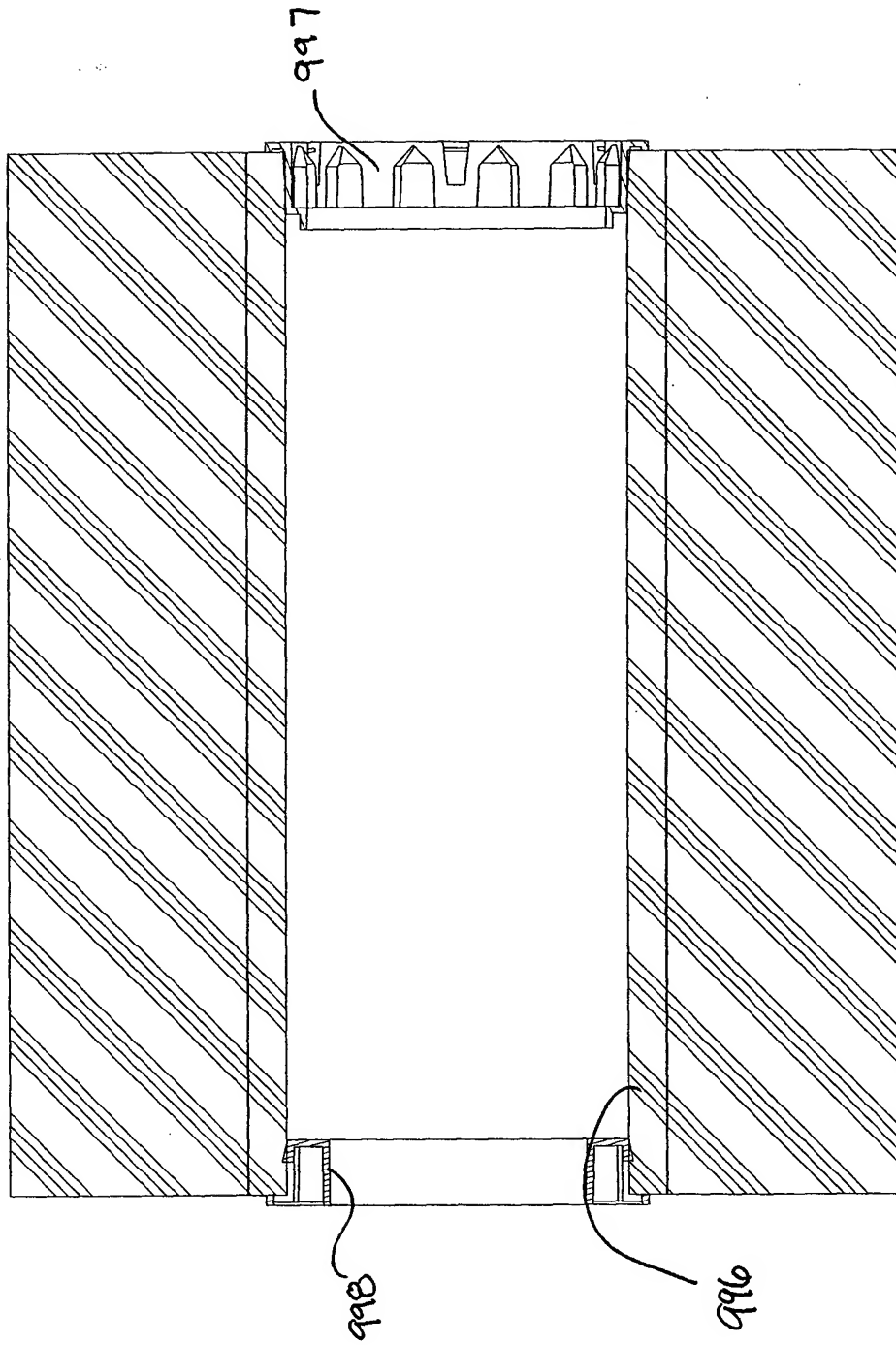


FIG. 130

FIG. 13





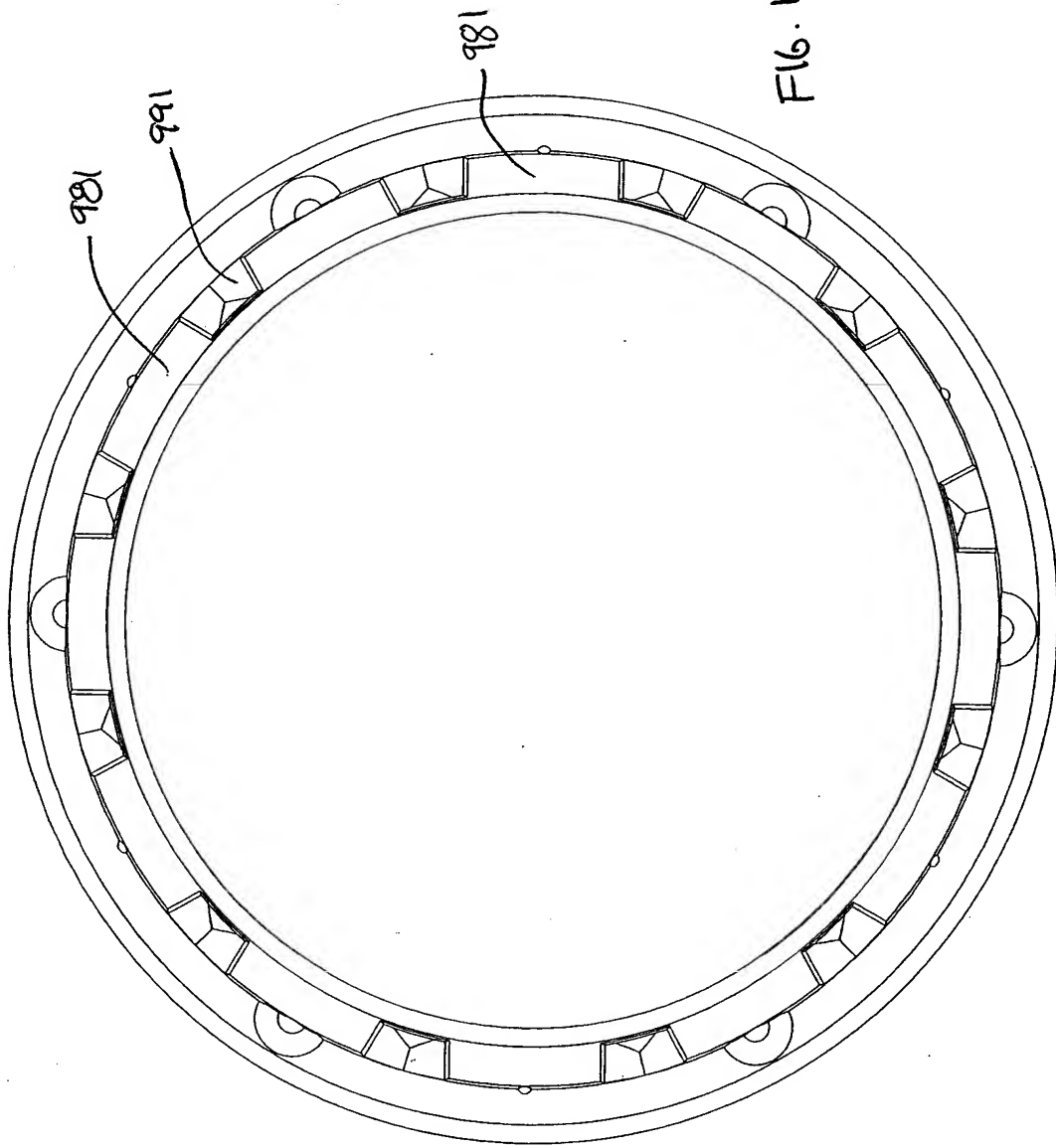
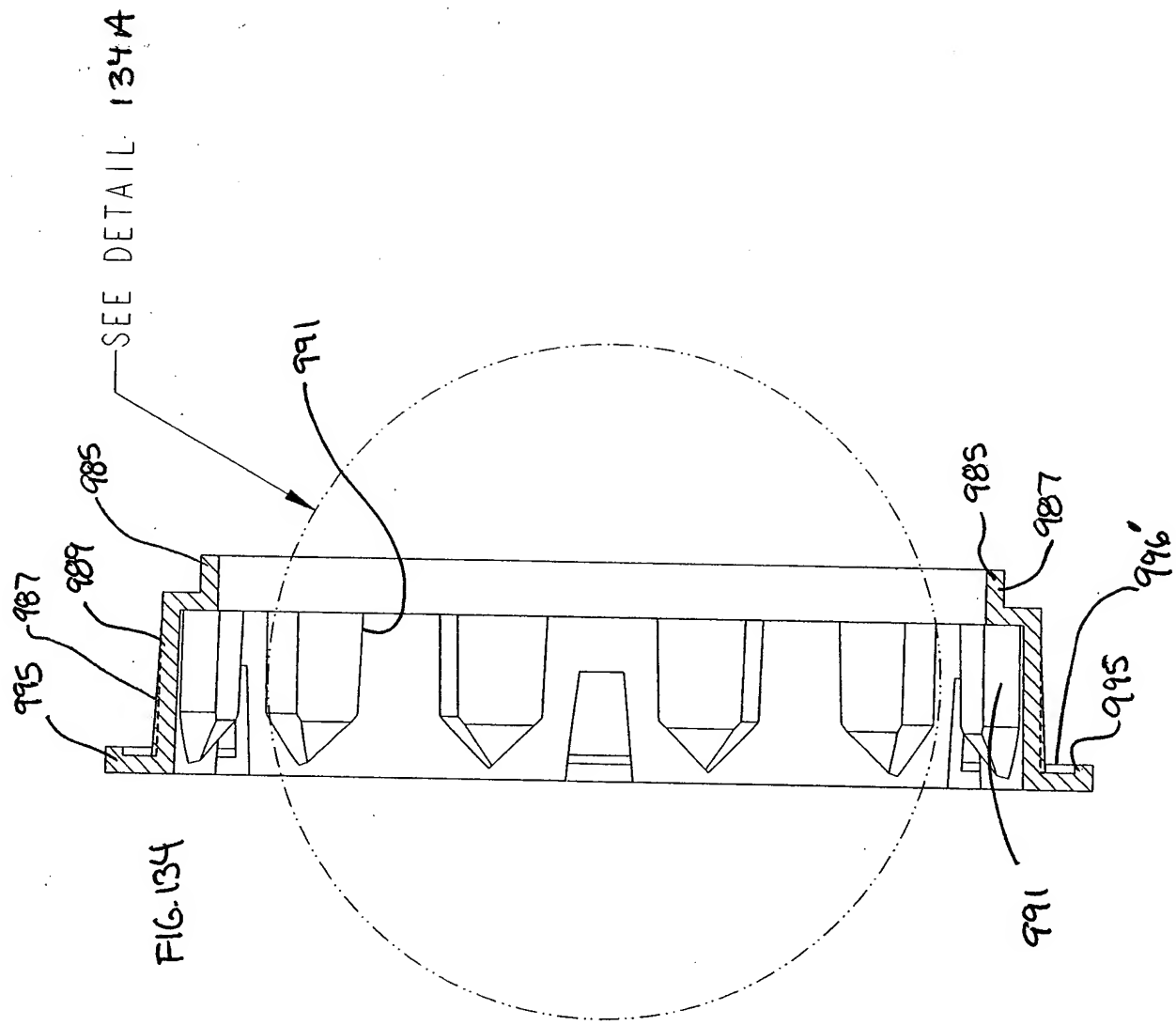


FIG. 133





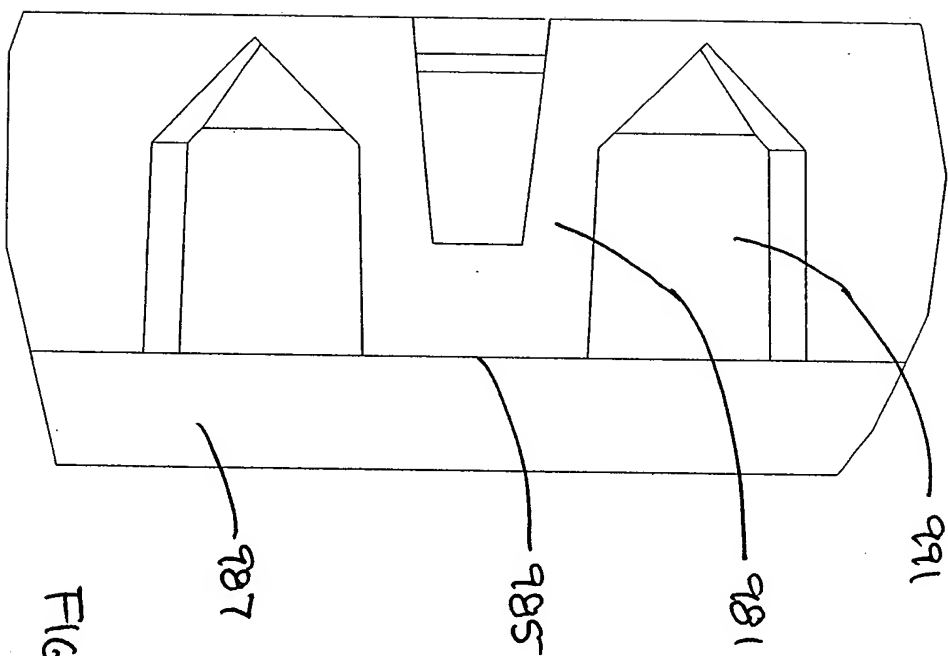
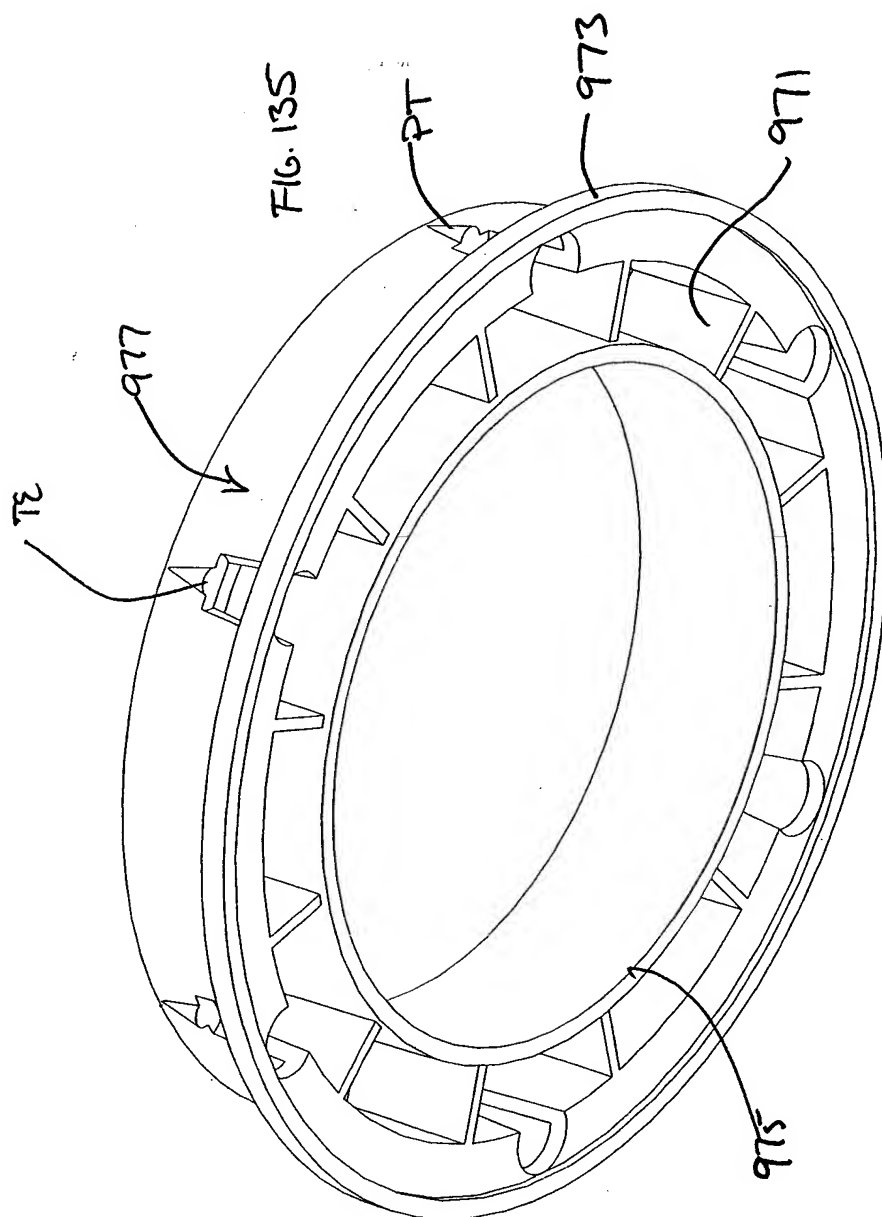


FIG. 134A



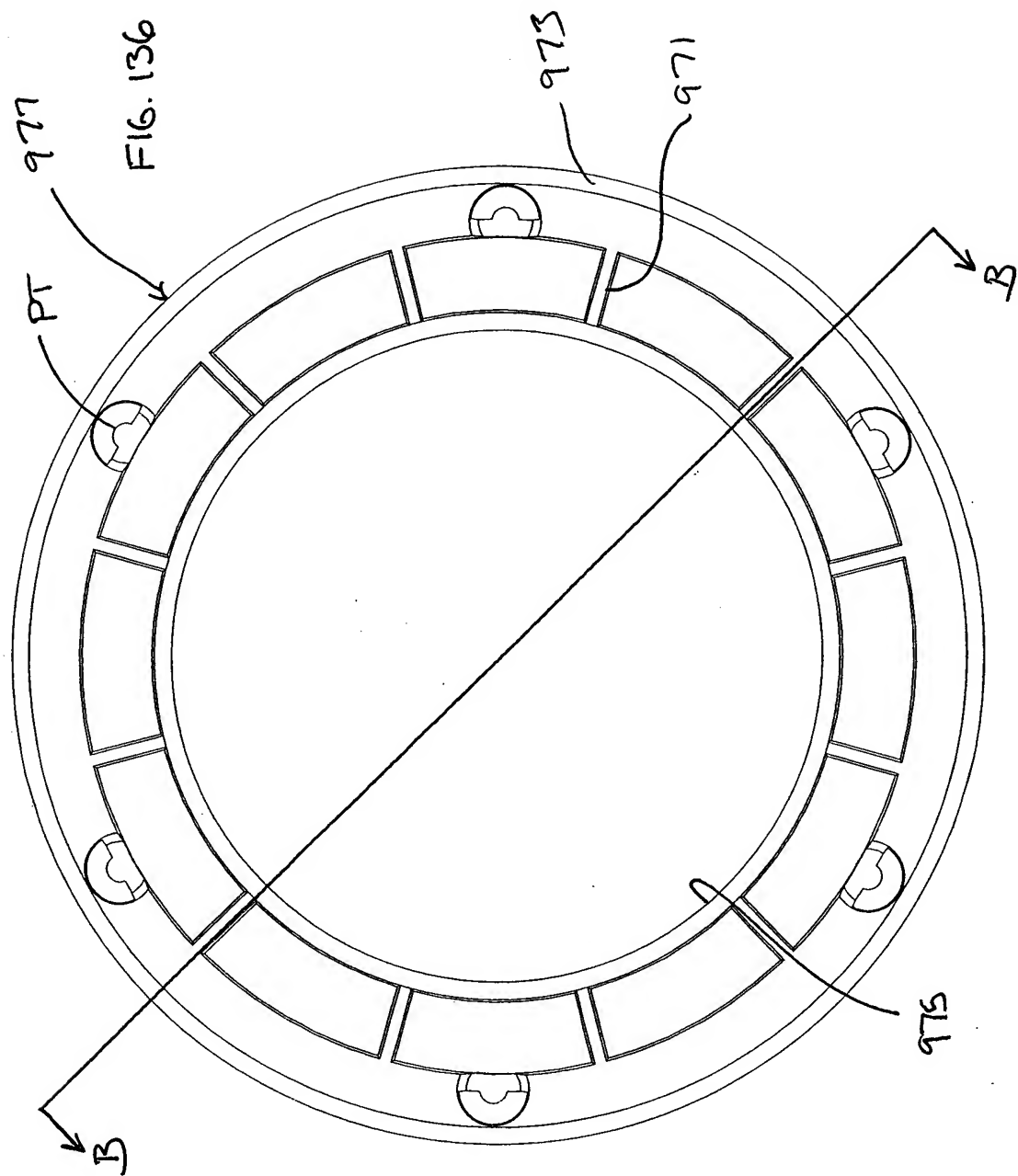


FIG. 137

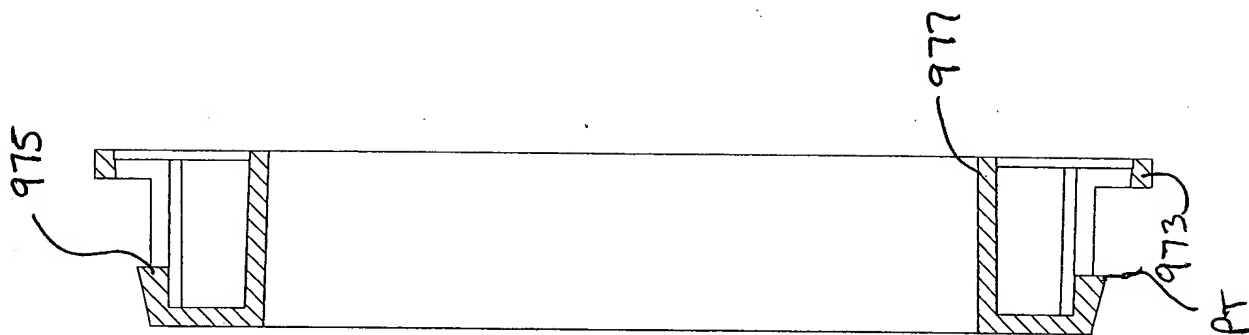
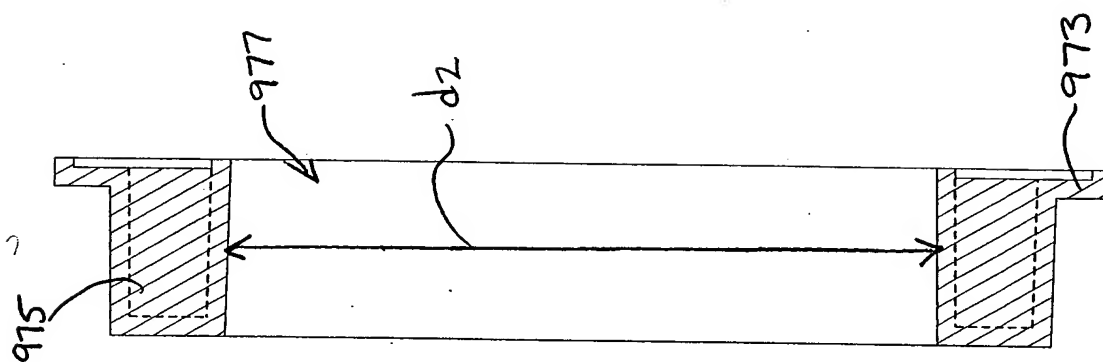
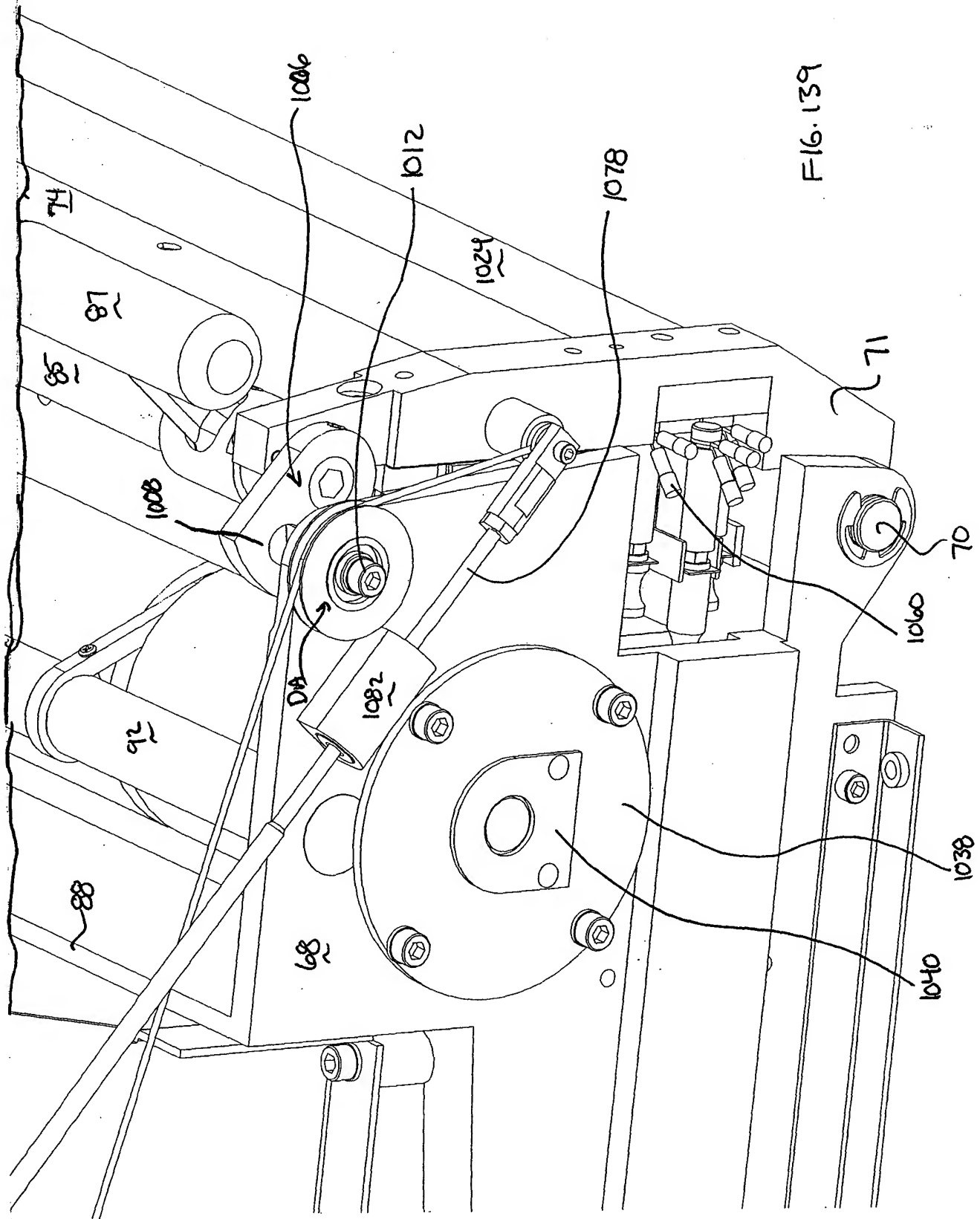
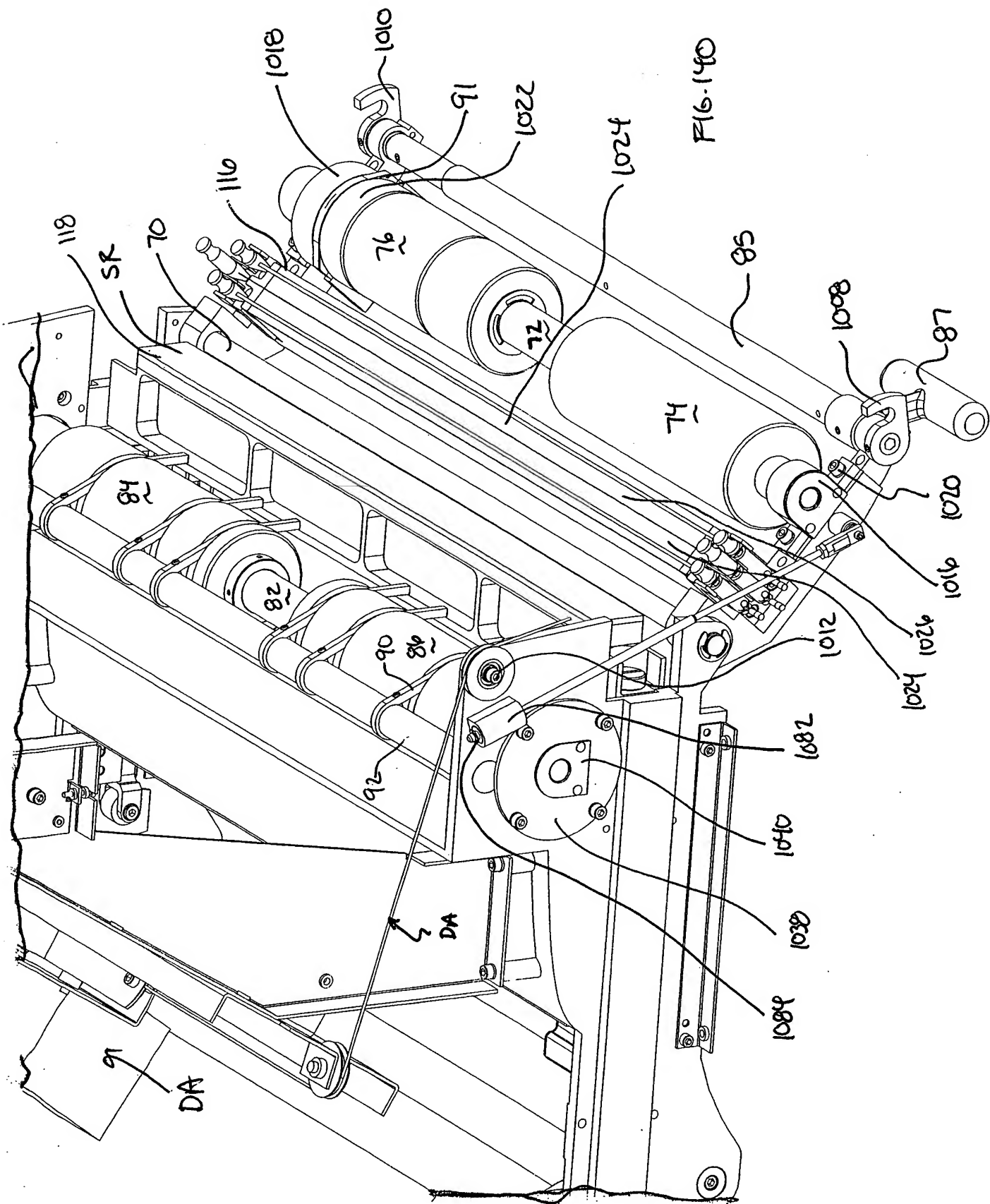


FIG. 138





F16.139



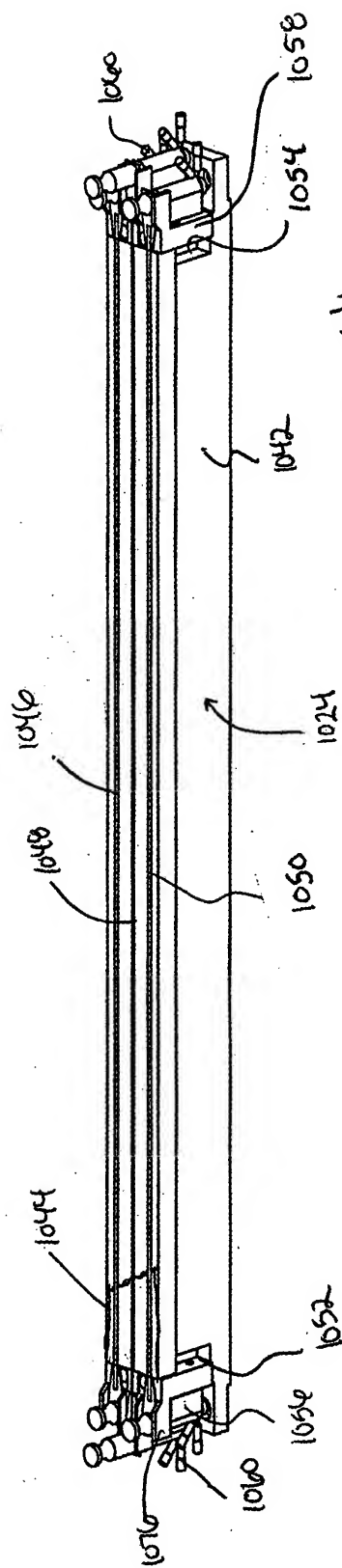


FIG. 141



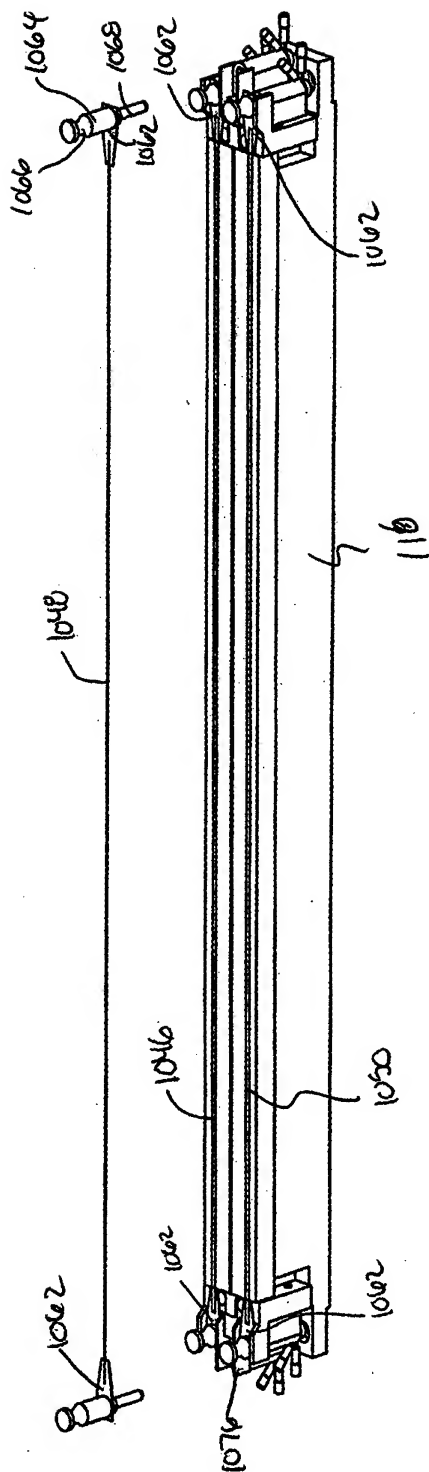
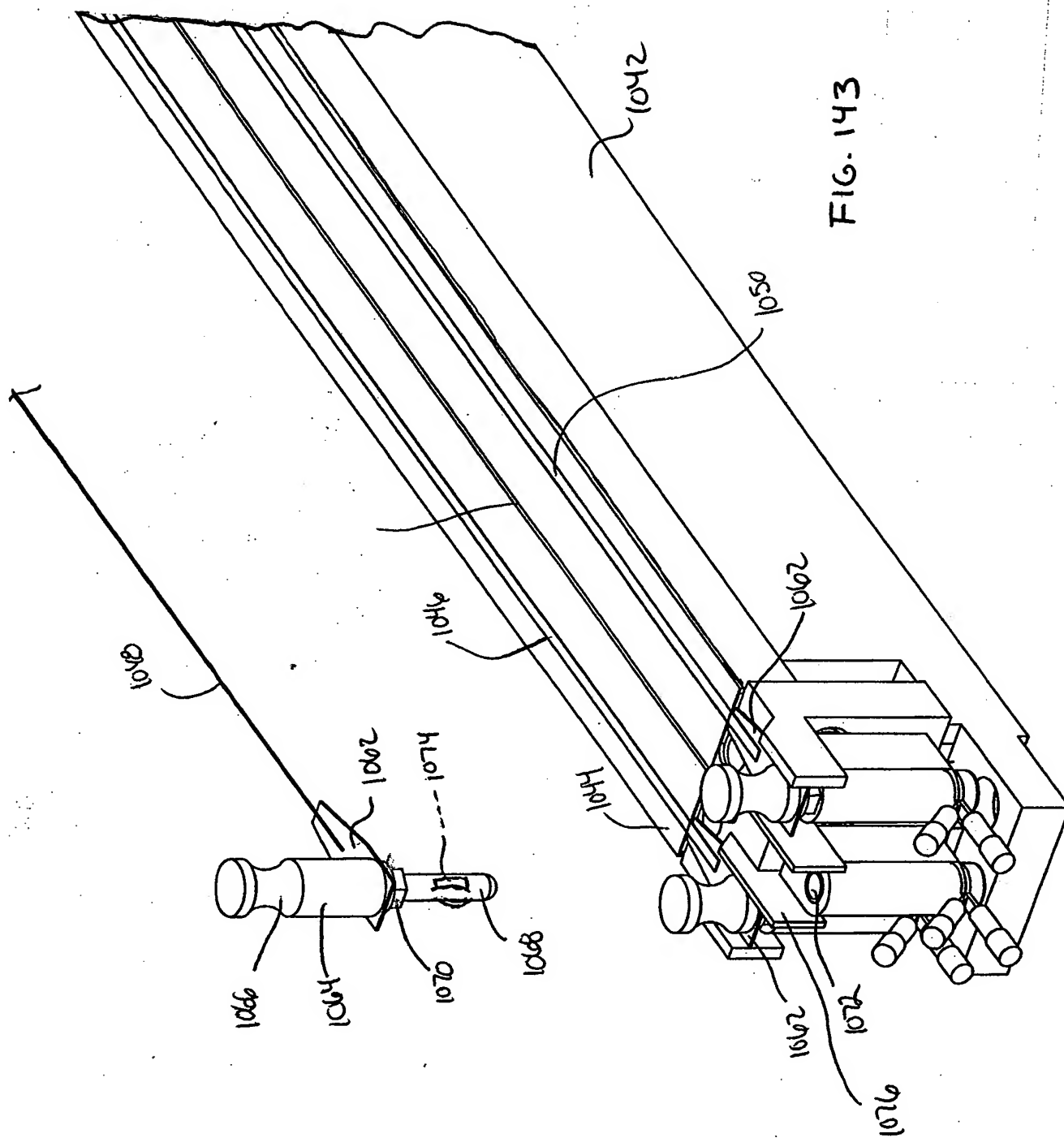


FIG 142



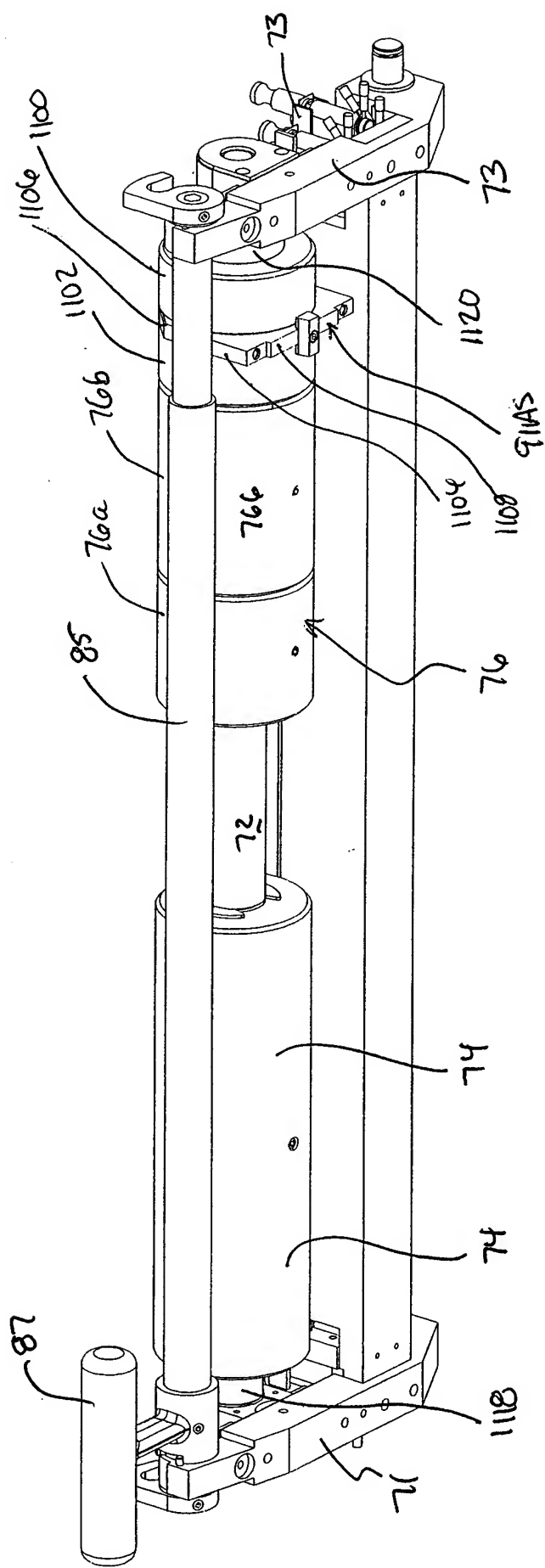


FIG. 144

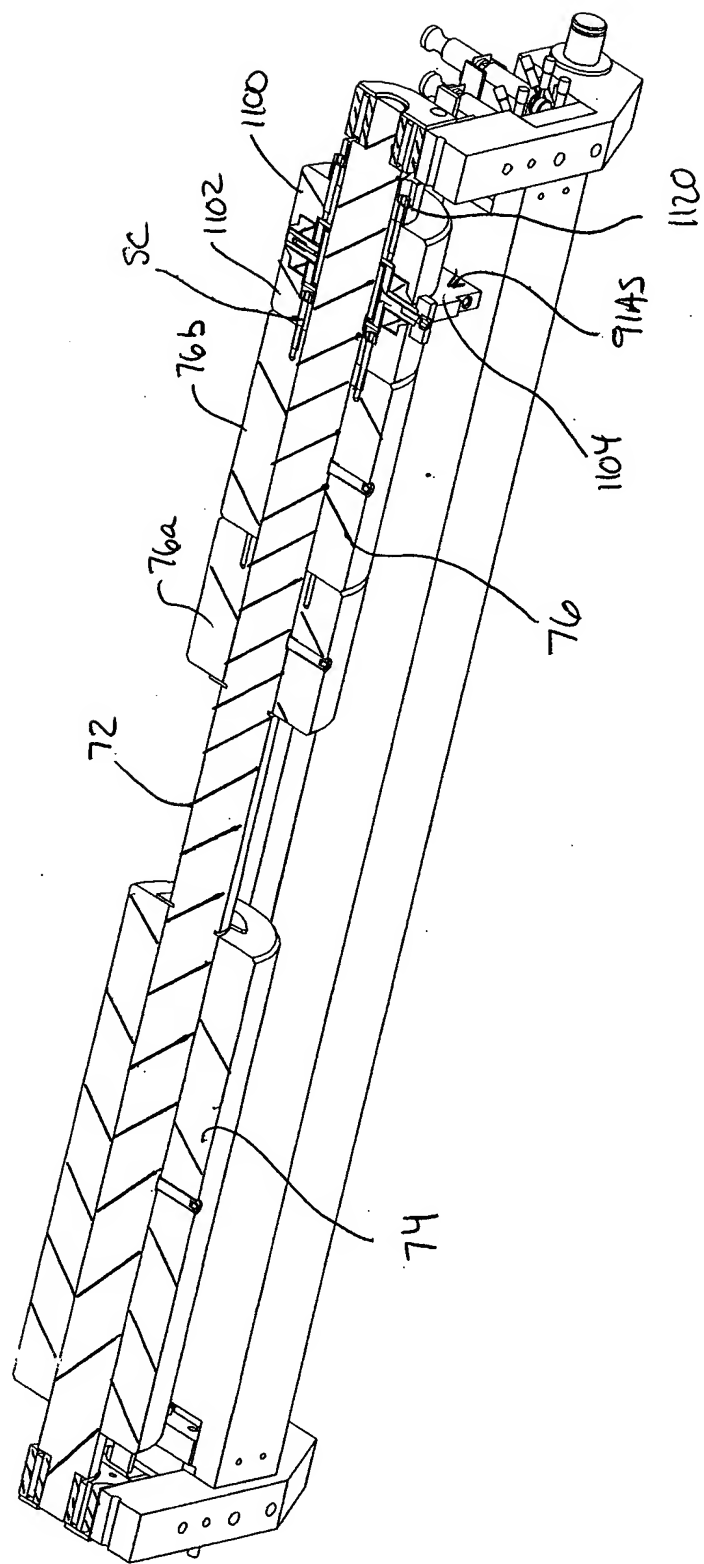


FIG. 145



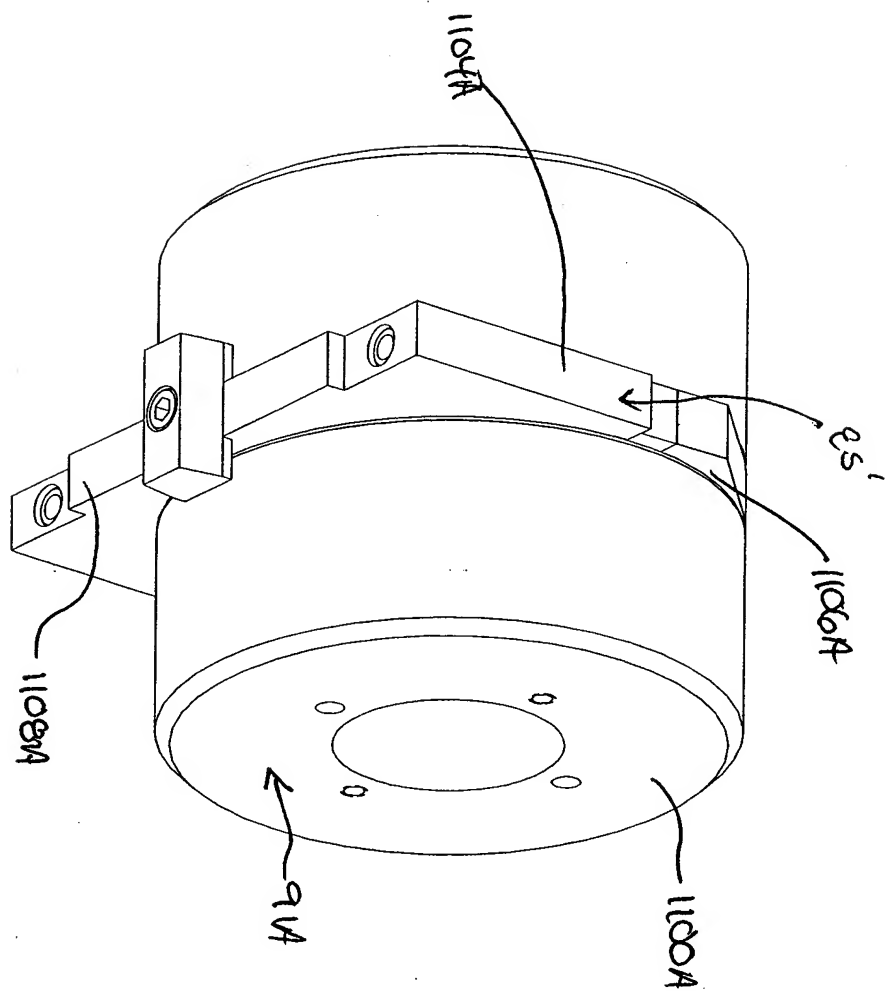


FIG. 146A

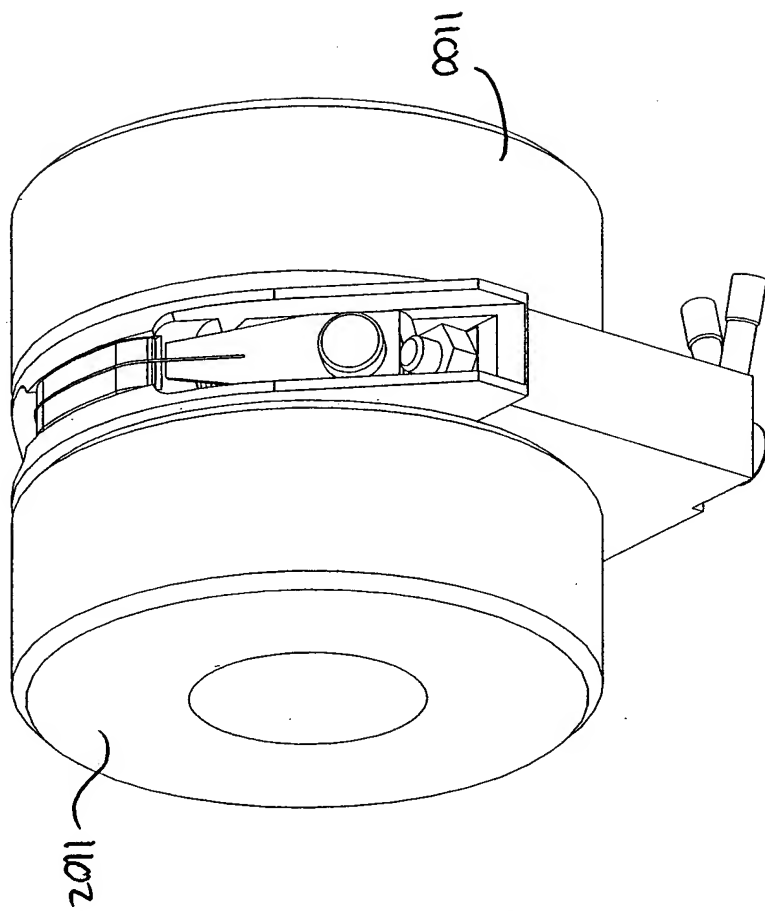


FIG. 147

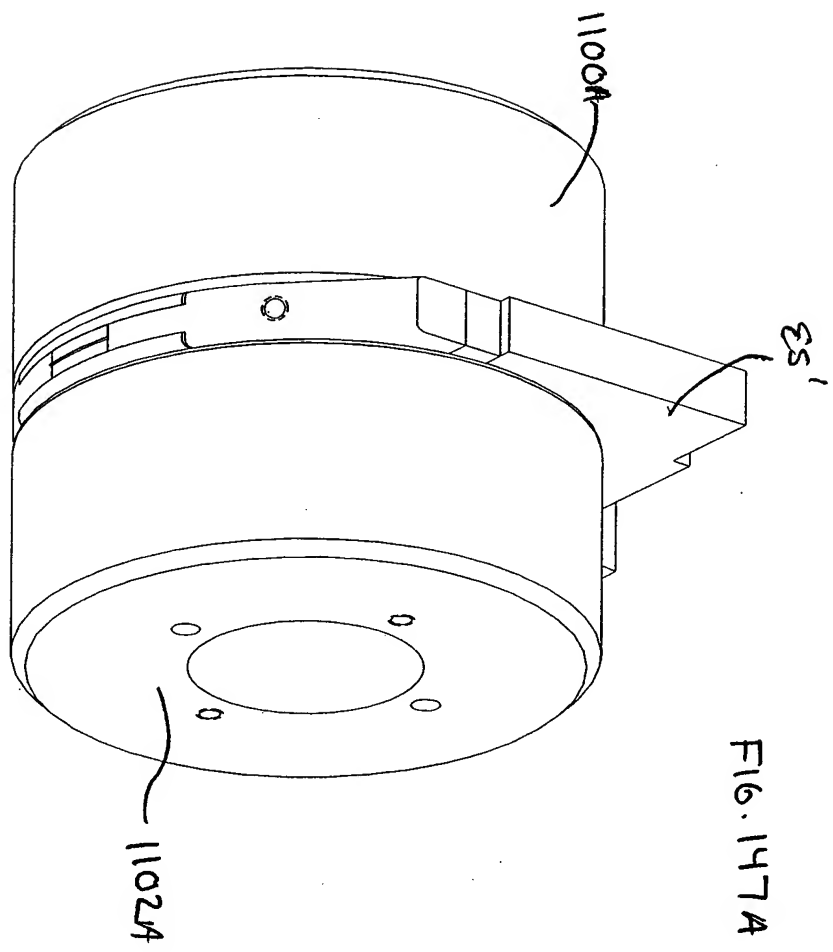
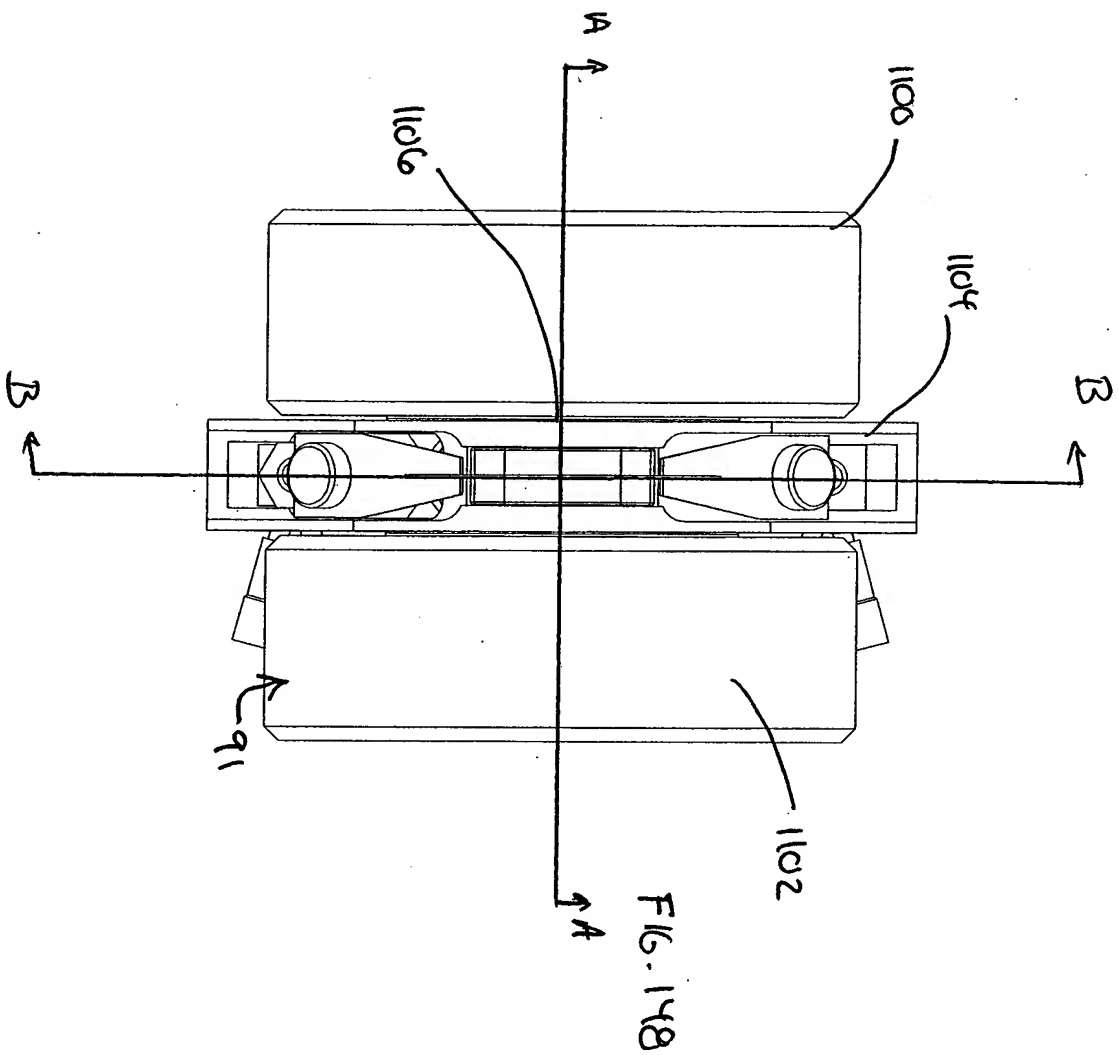
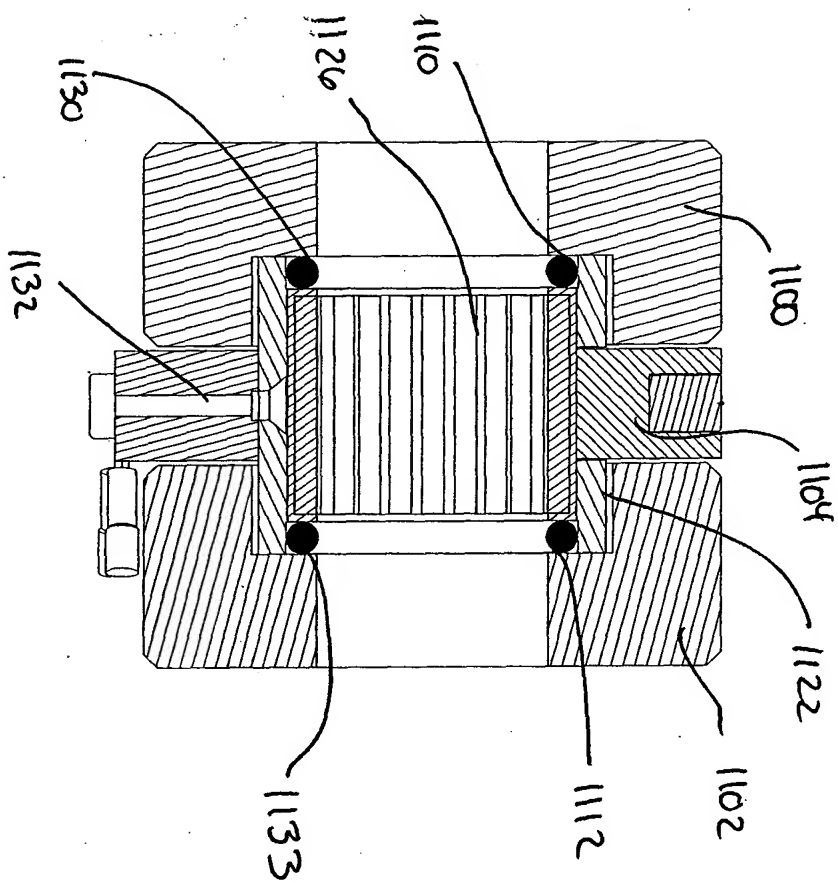


FIG. 147A

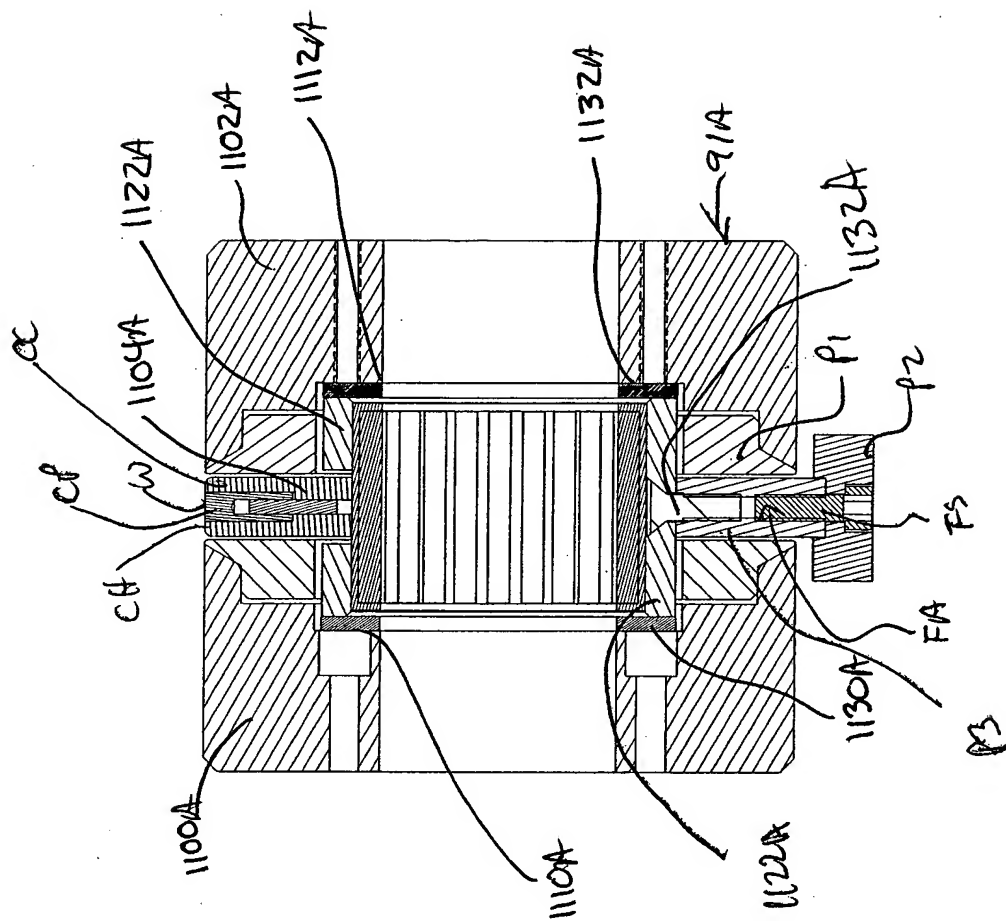








F16-149



F16-149A

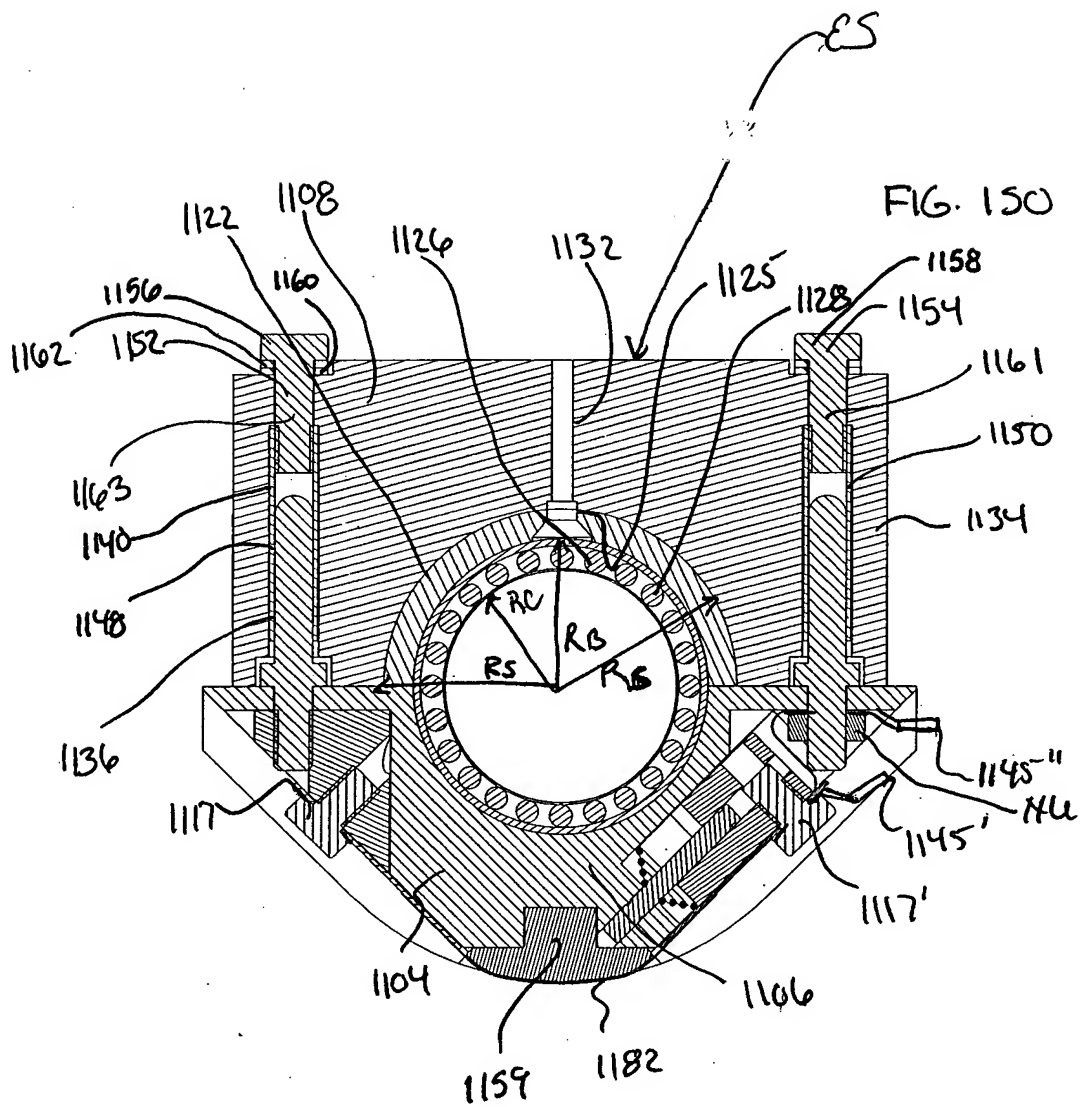
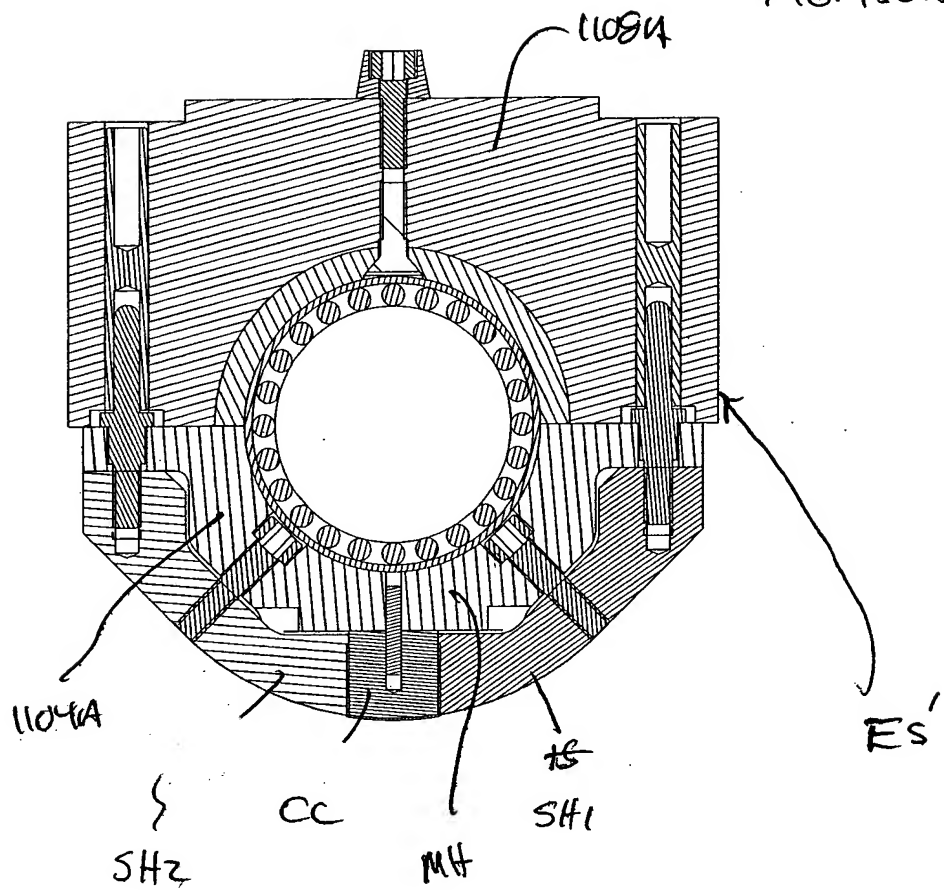


FIG. 1504



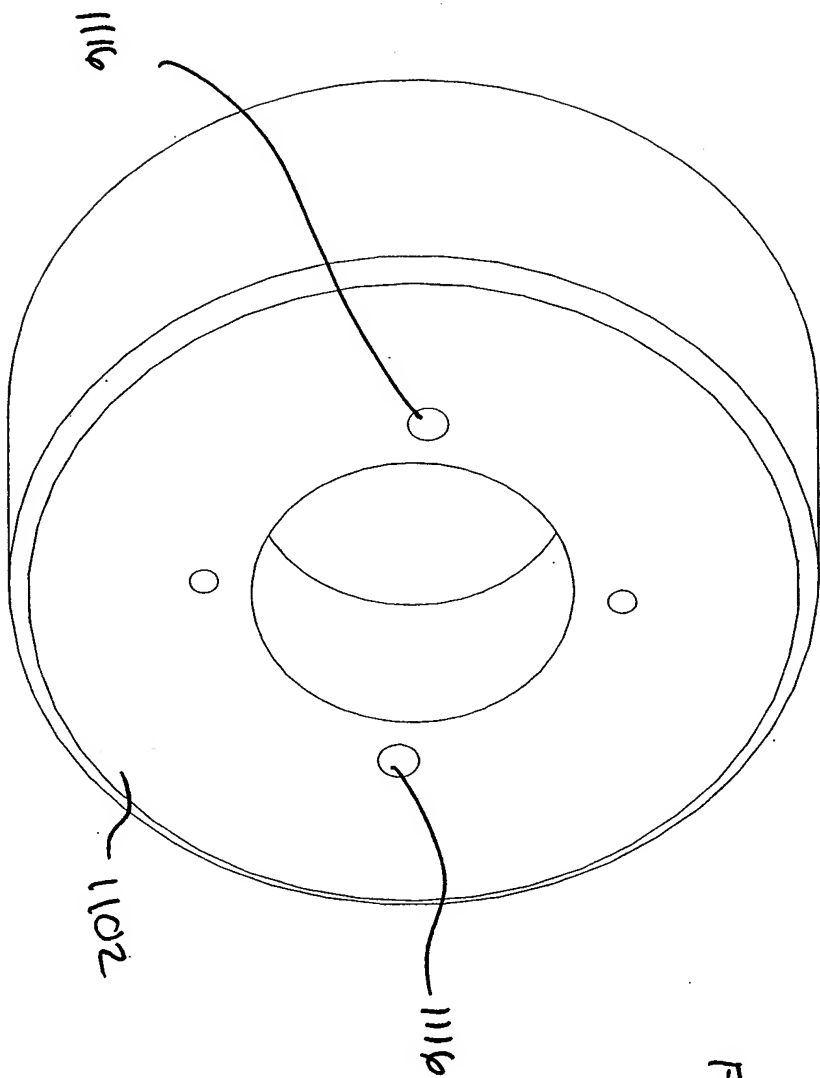
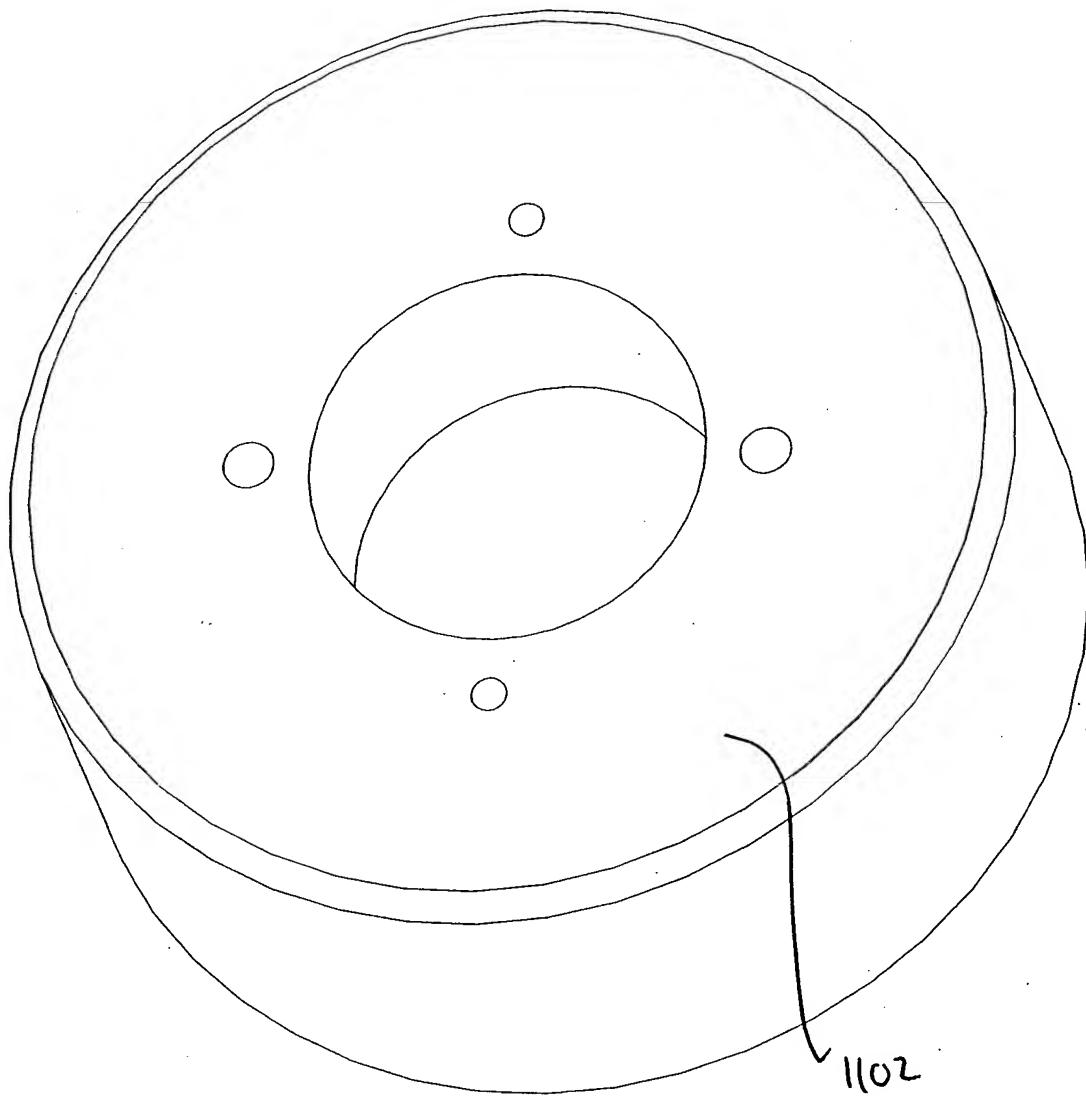


FIG. 151

FIG. 151A





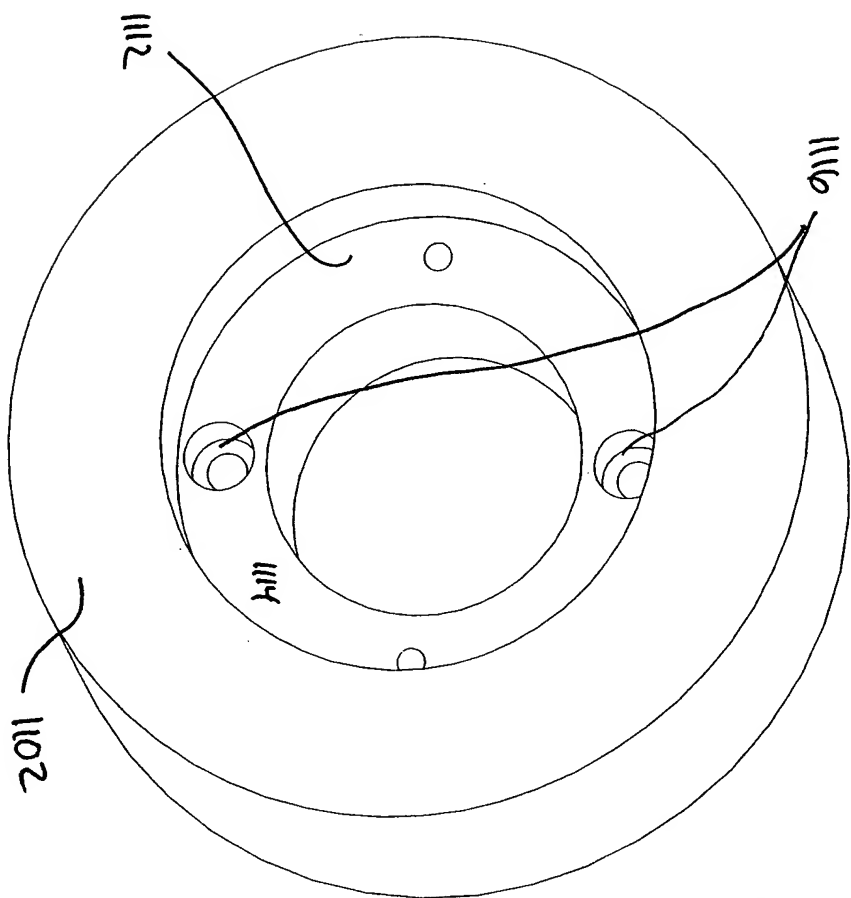
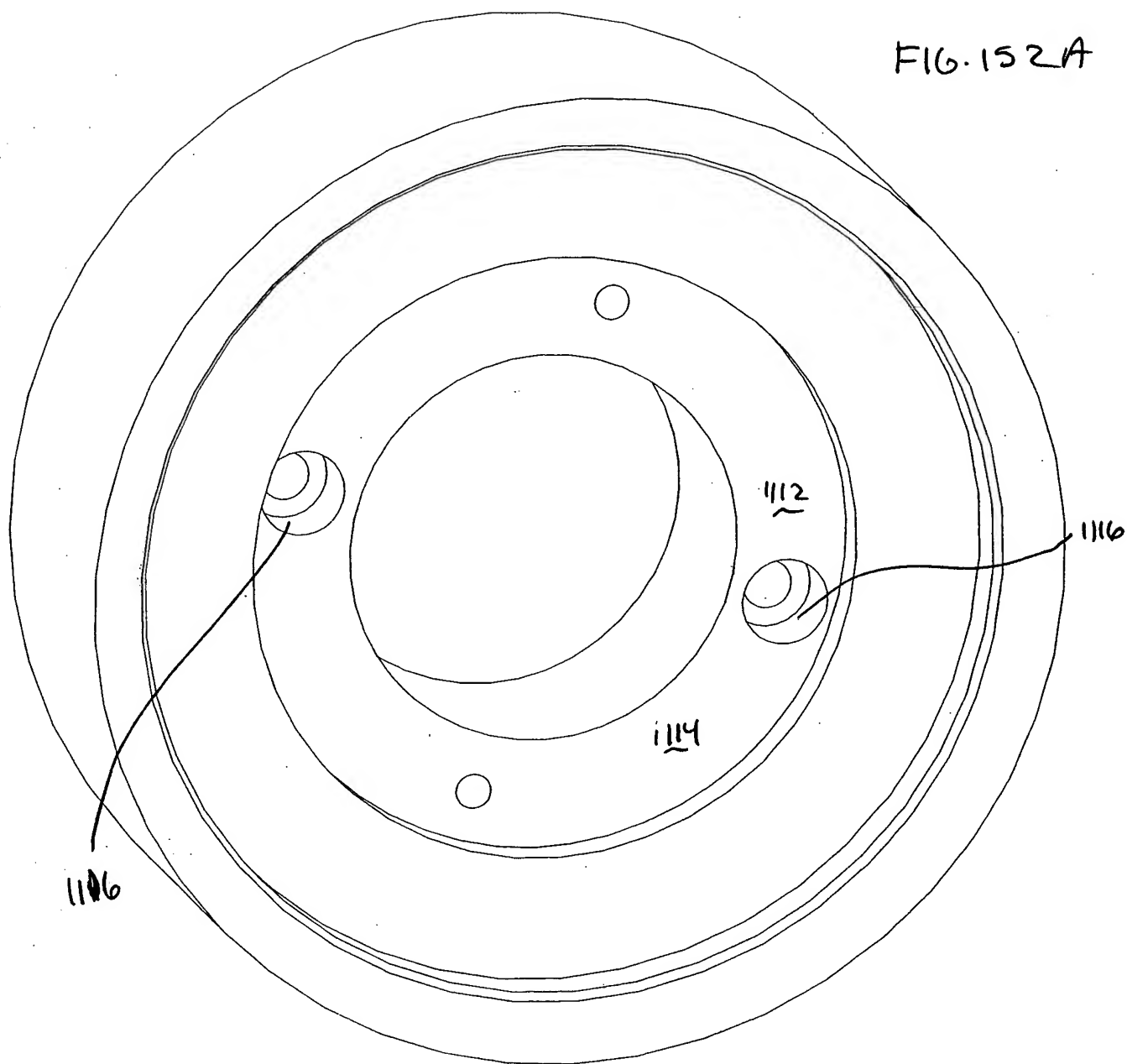


FIG. 152

FIG. 152A



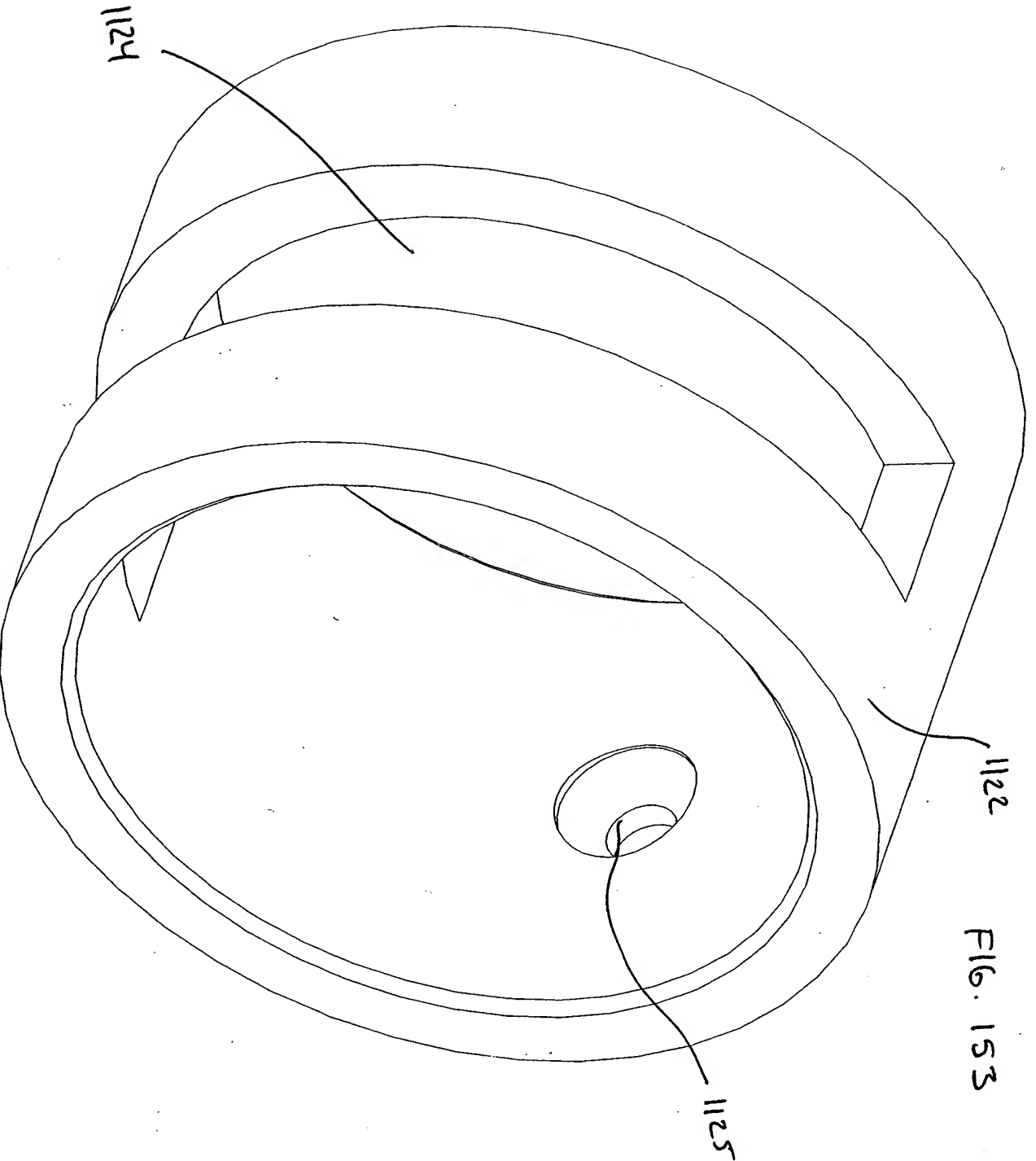


FIG. 153

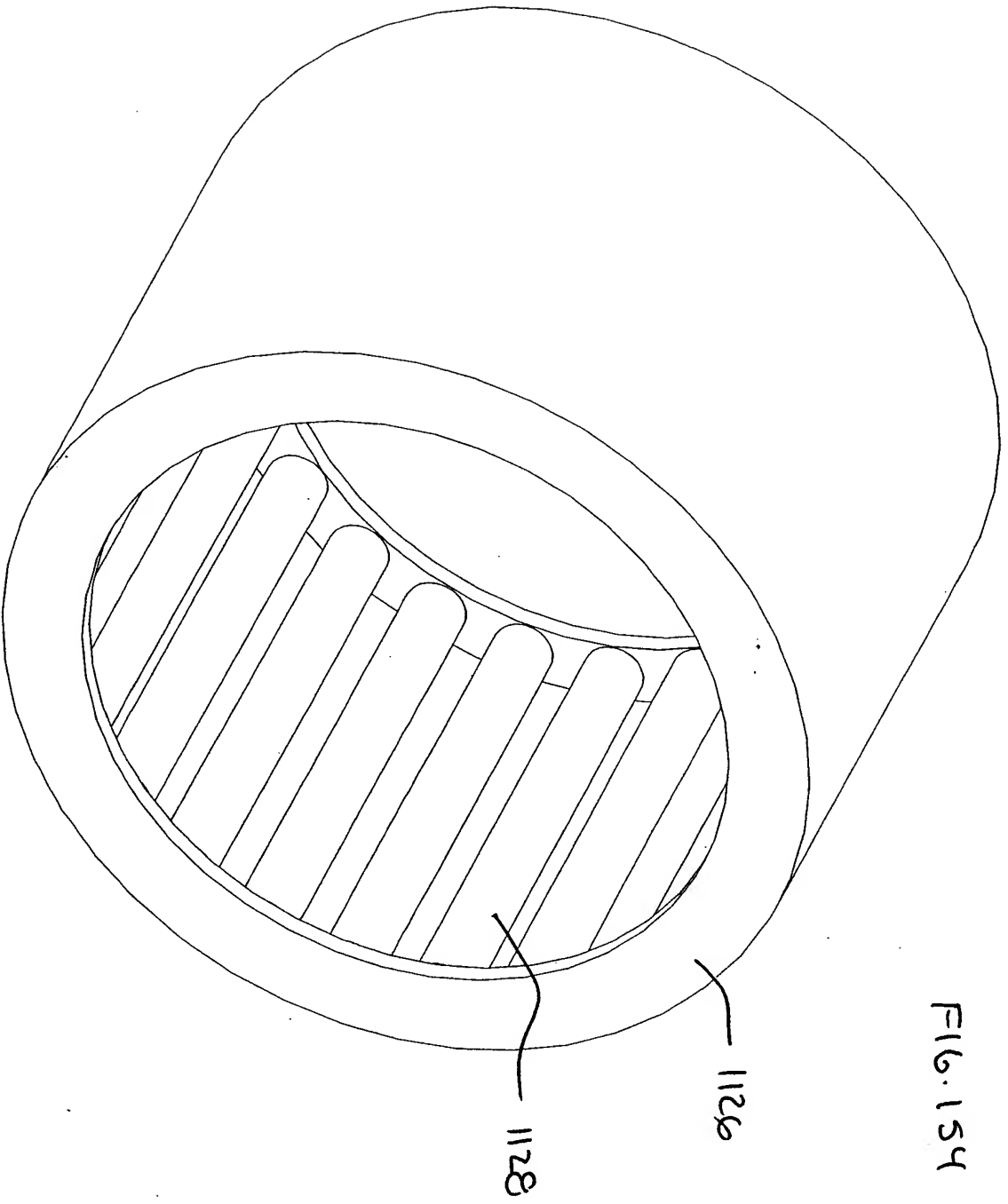


FIG. 154

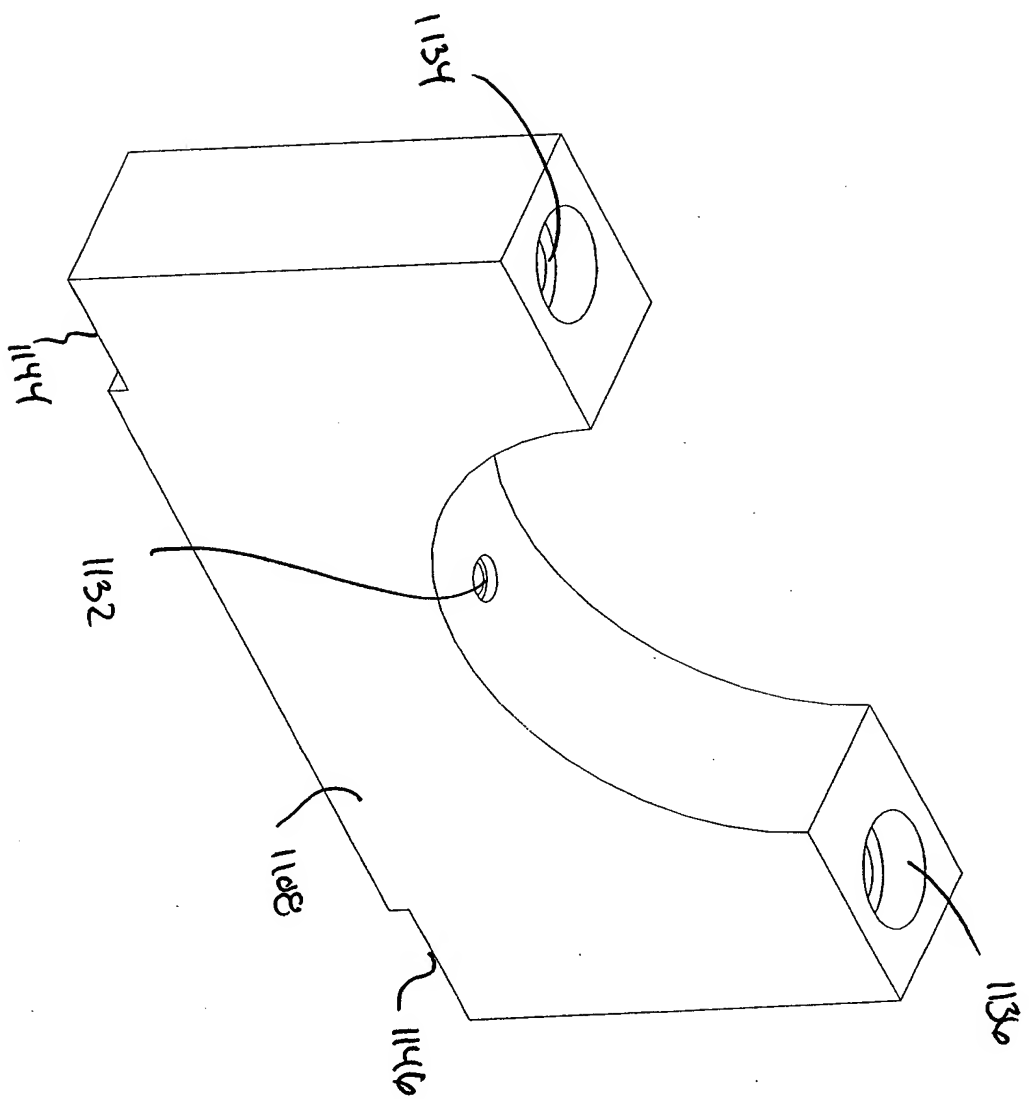


FIG. 155

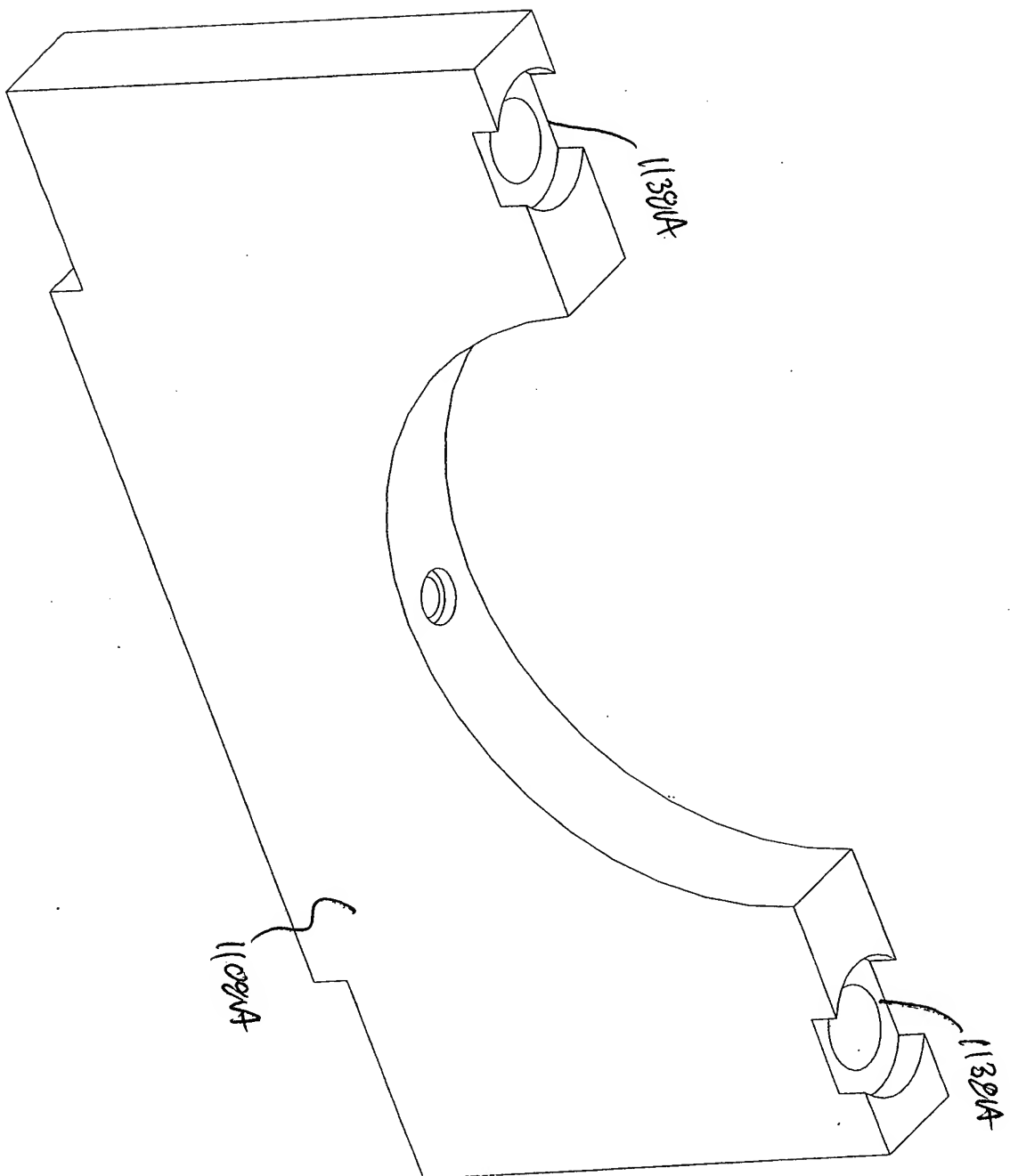


FIG. 155A

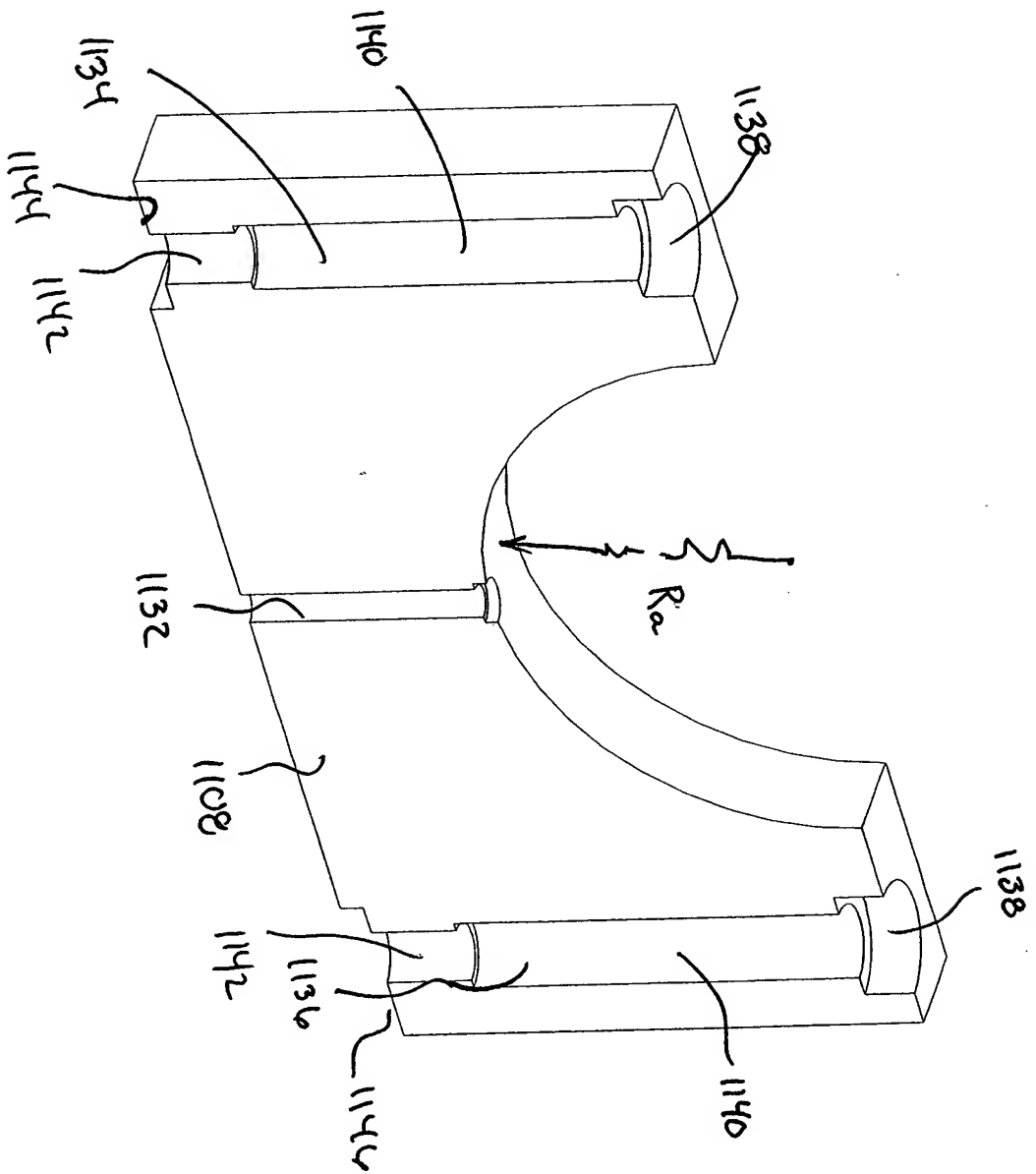


FIG. 15C

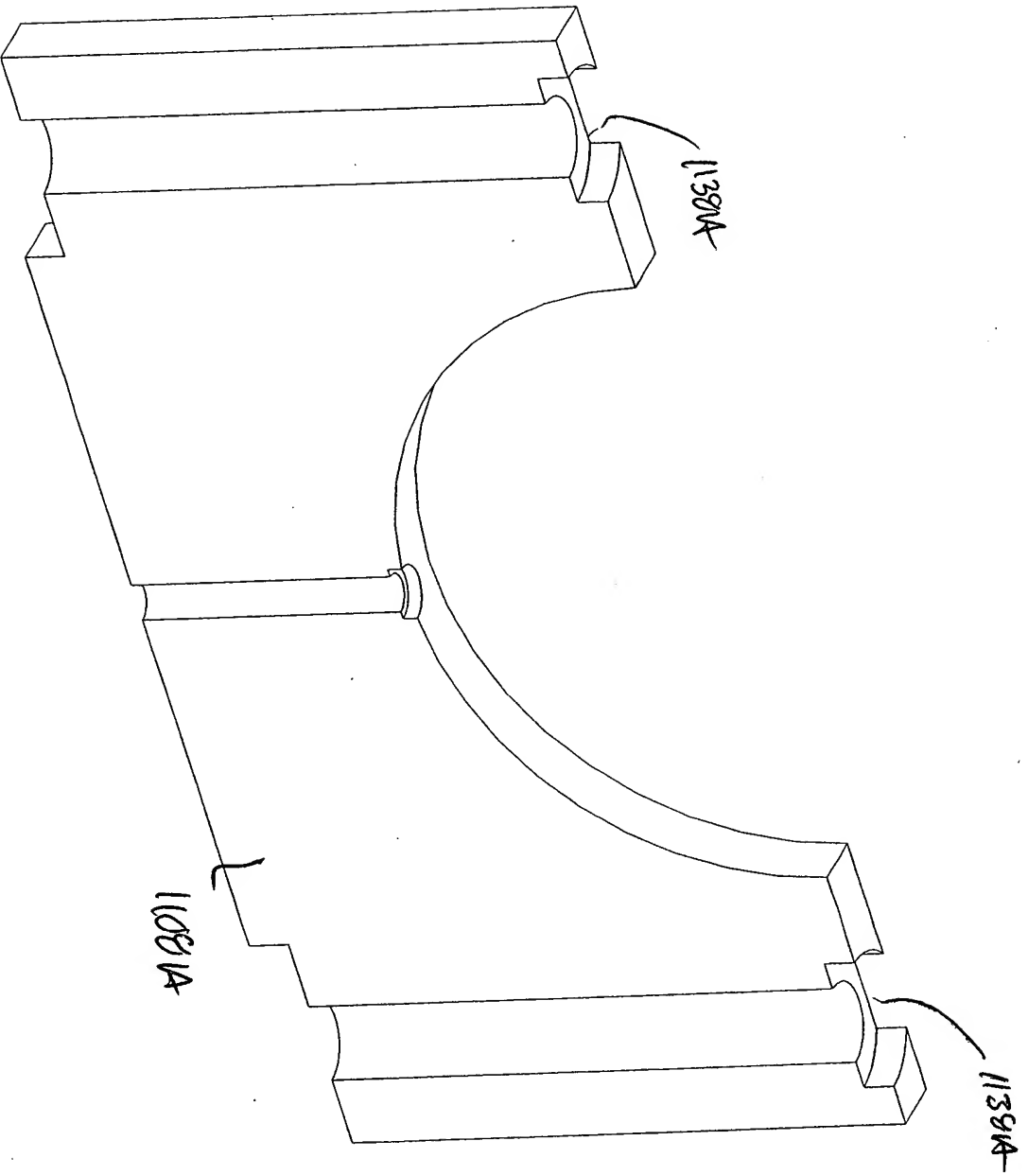


FIG. 156A



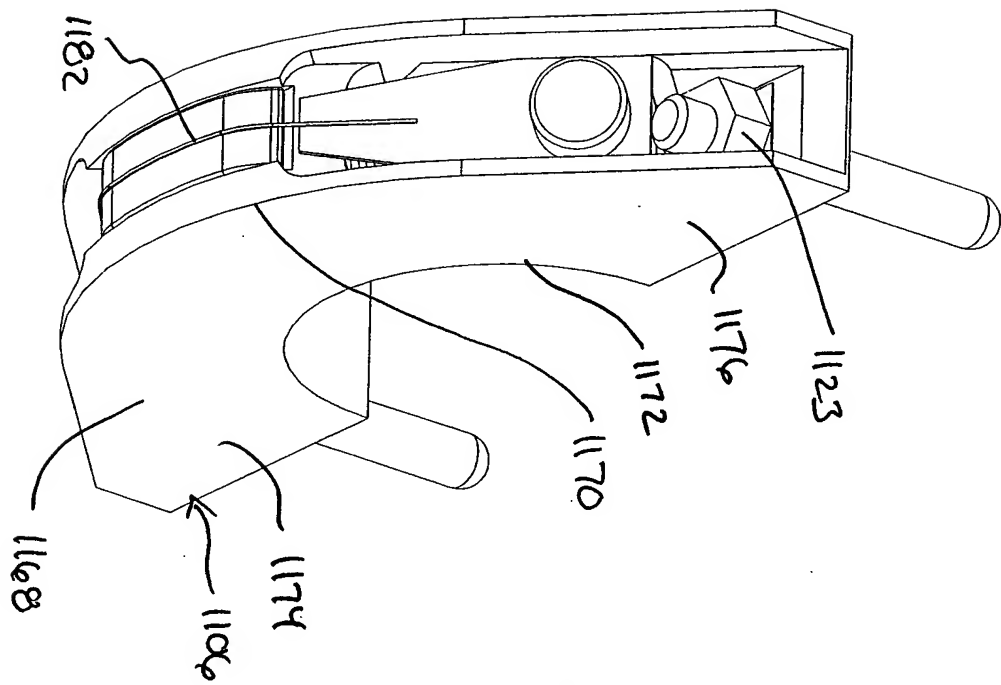
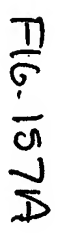


FIG. 157



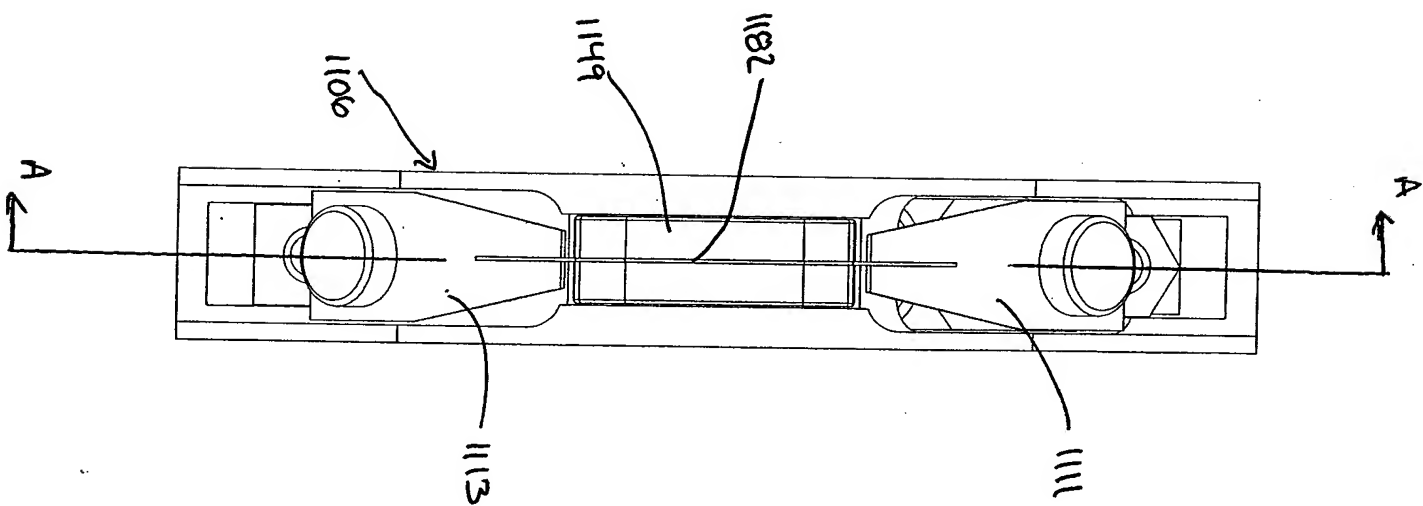


FIG. 158

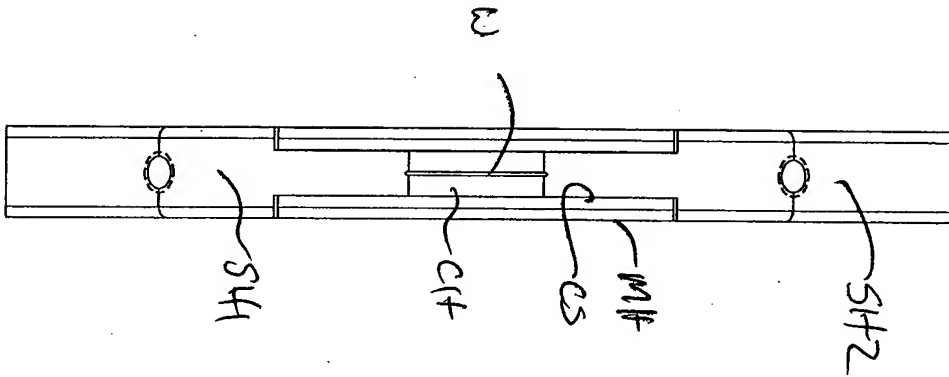


FIG. 158A

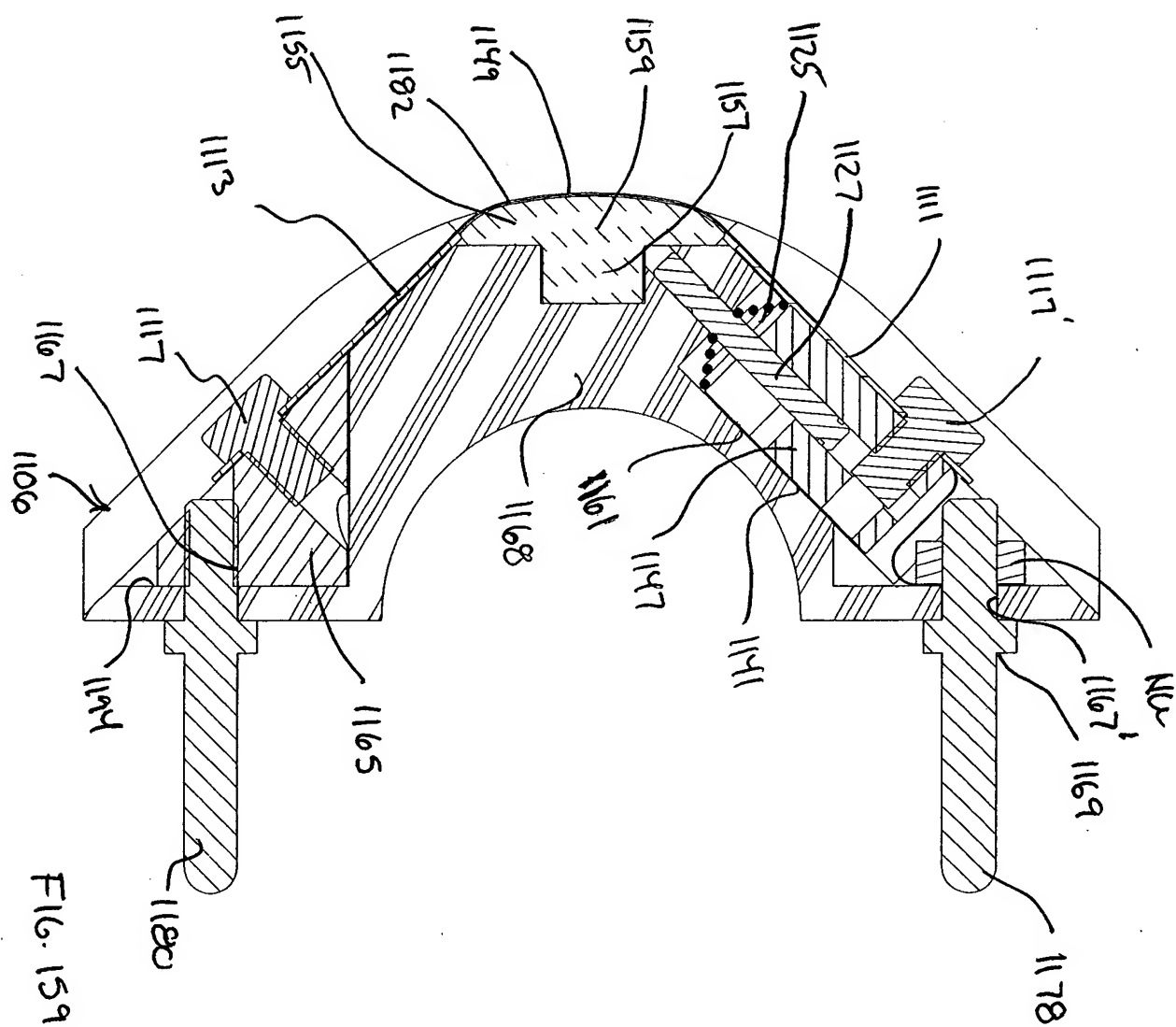


FIG. 159

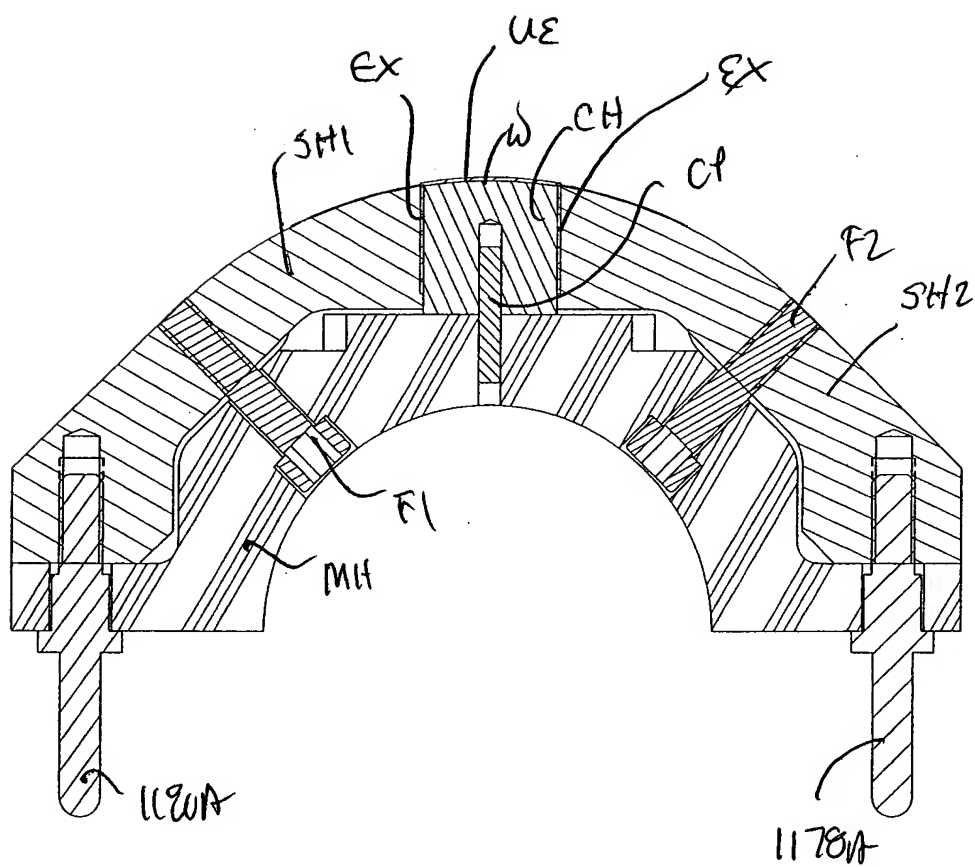


FIG-159A

FIG. 160

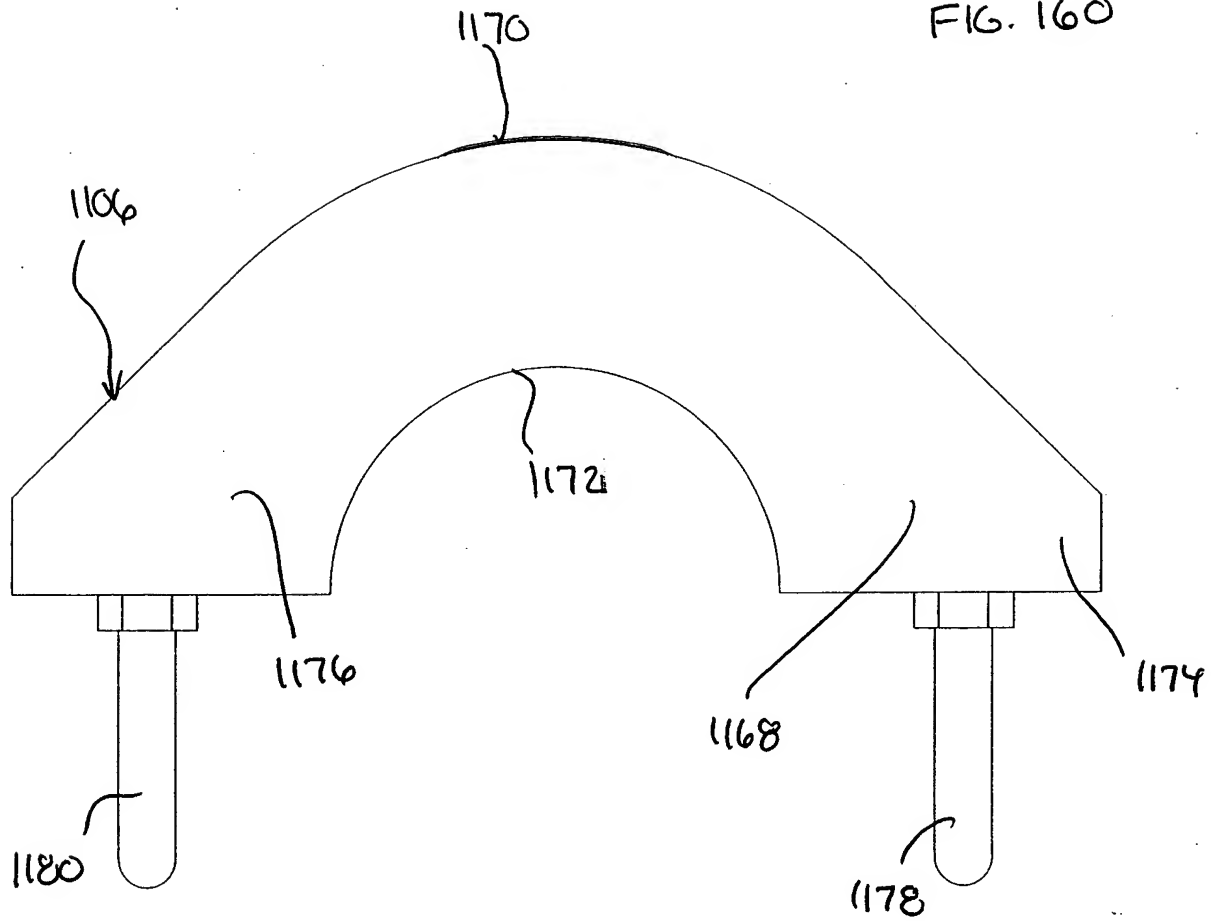
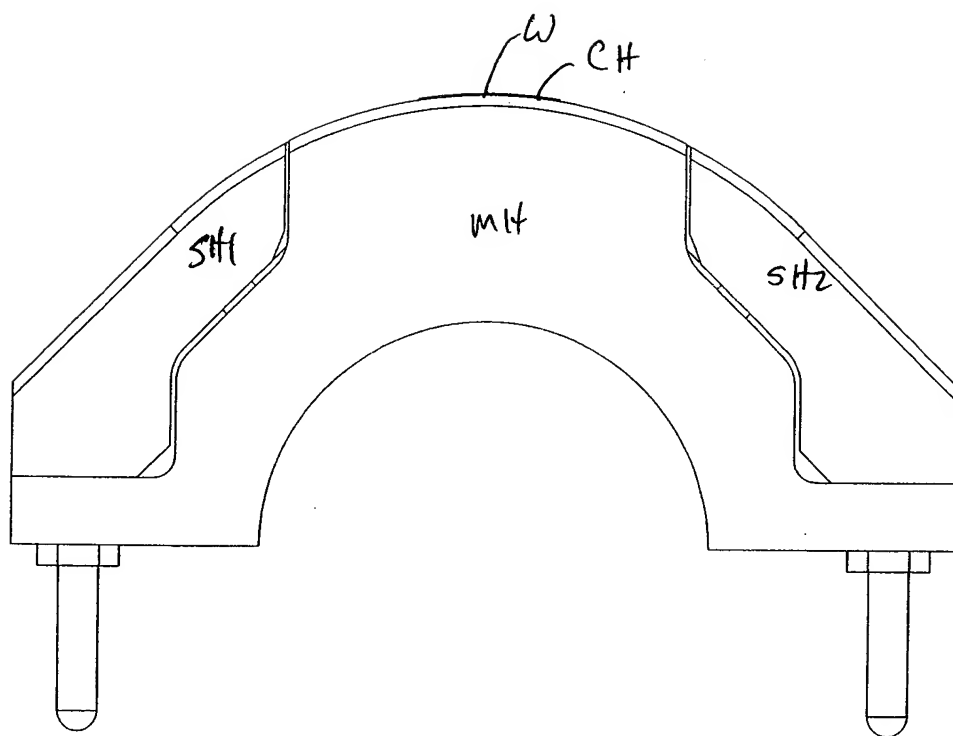


FIG. 160A





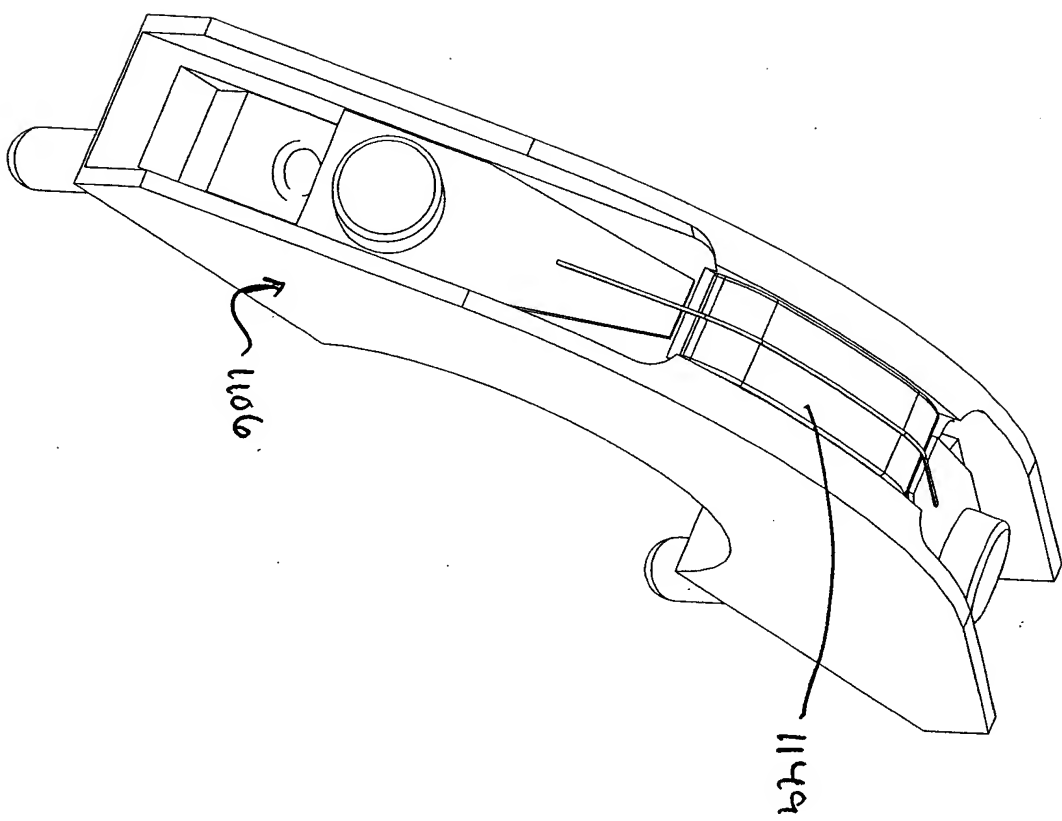


FIG. 161

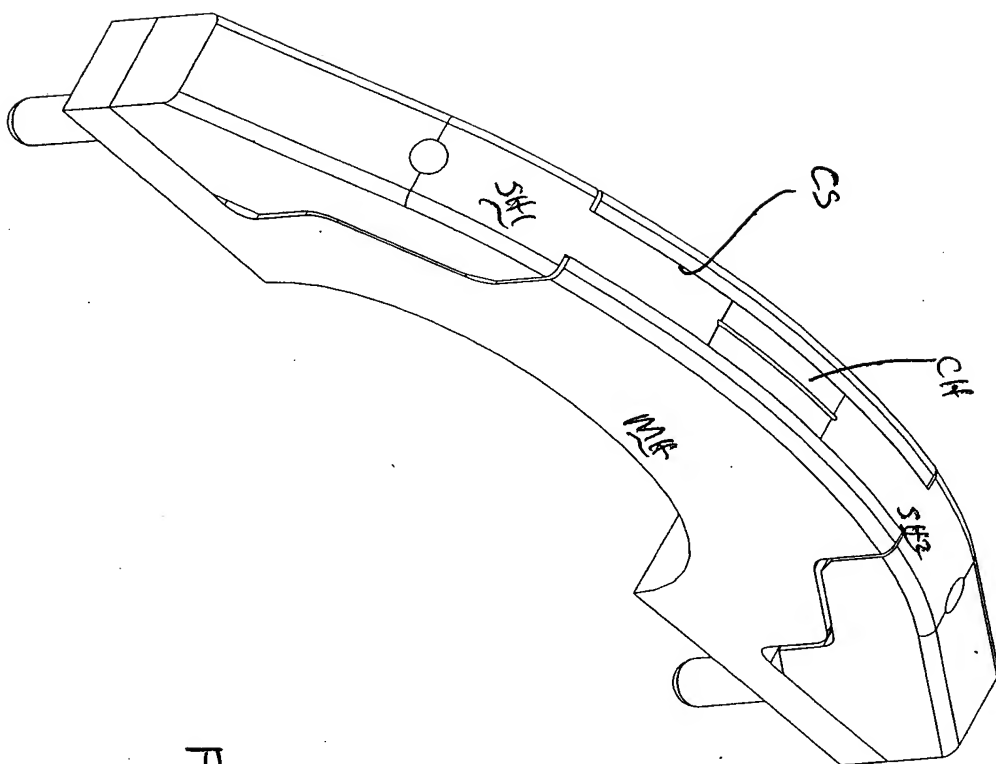


FIG. 161A

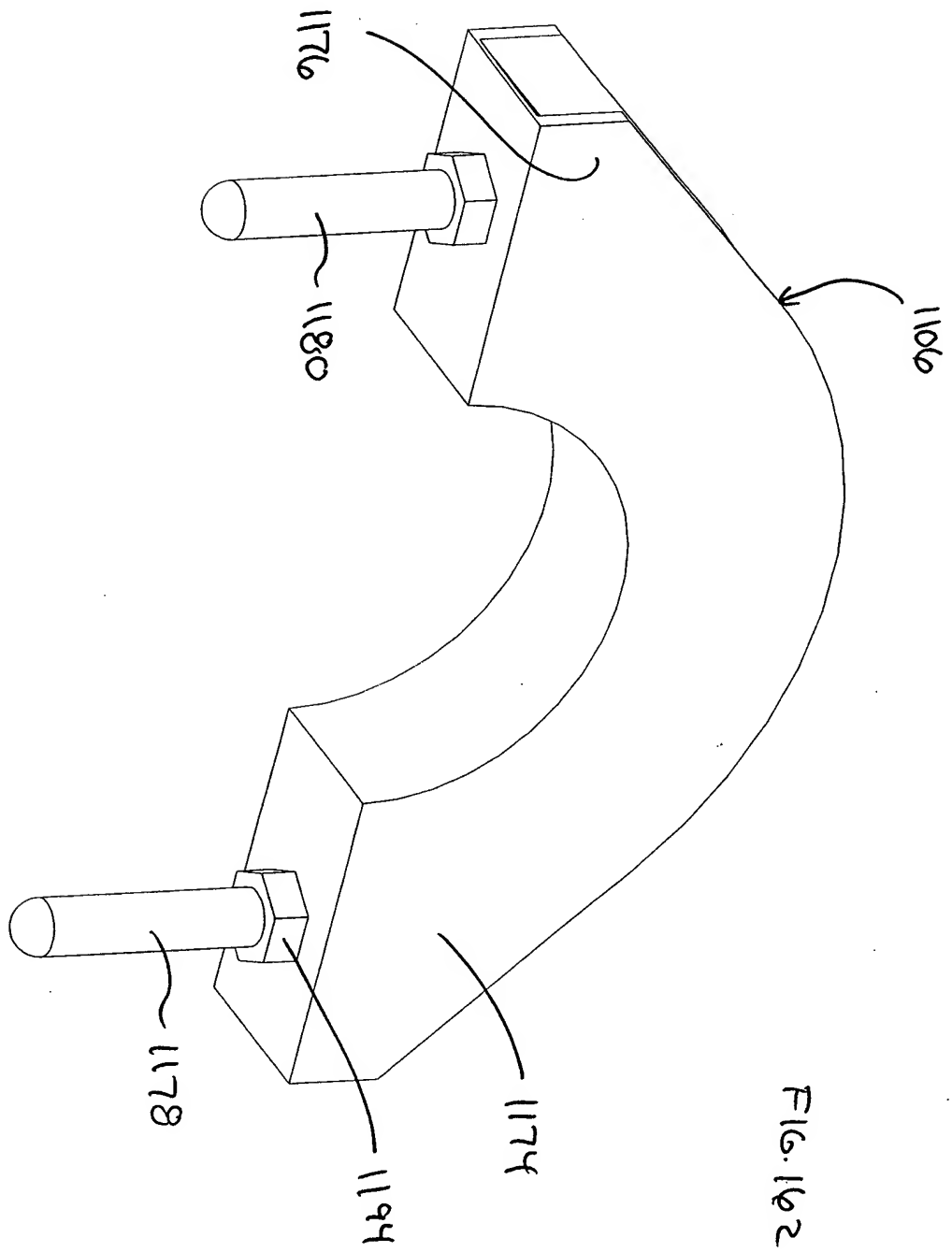


FIG. 162

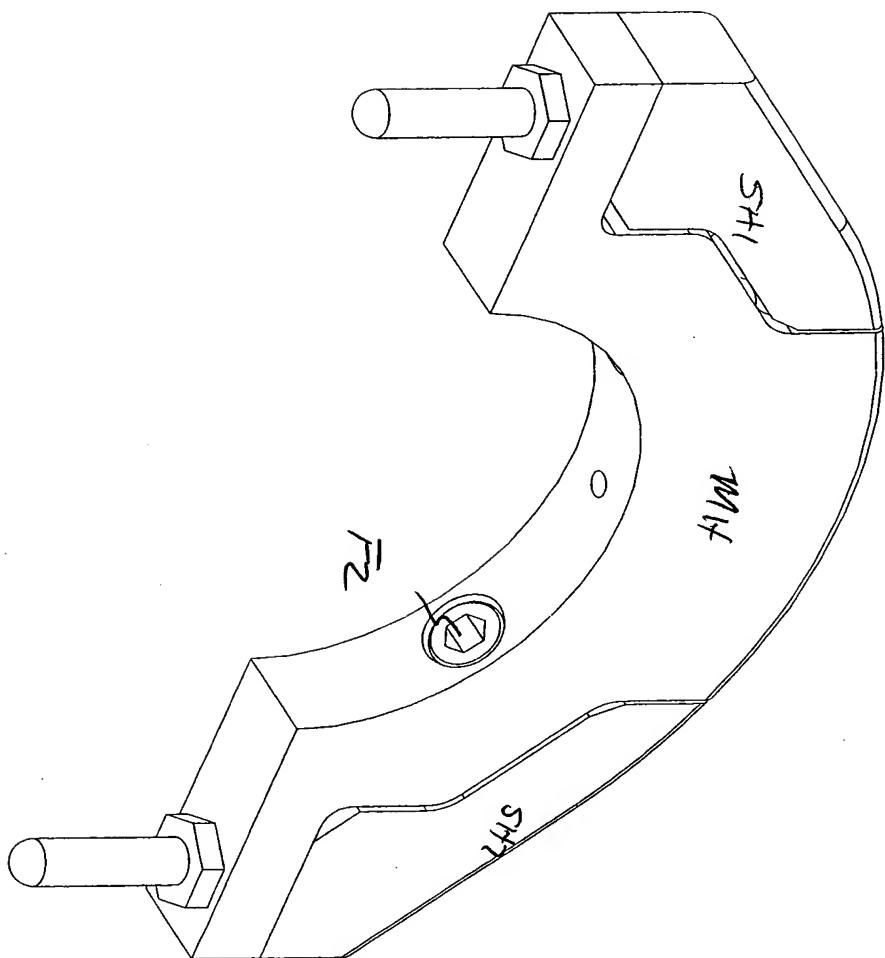


FIG. 1624

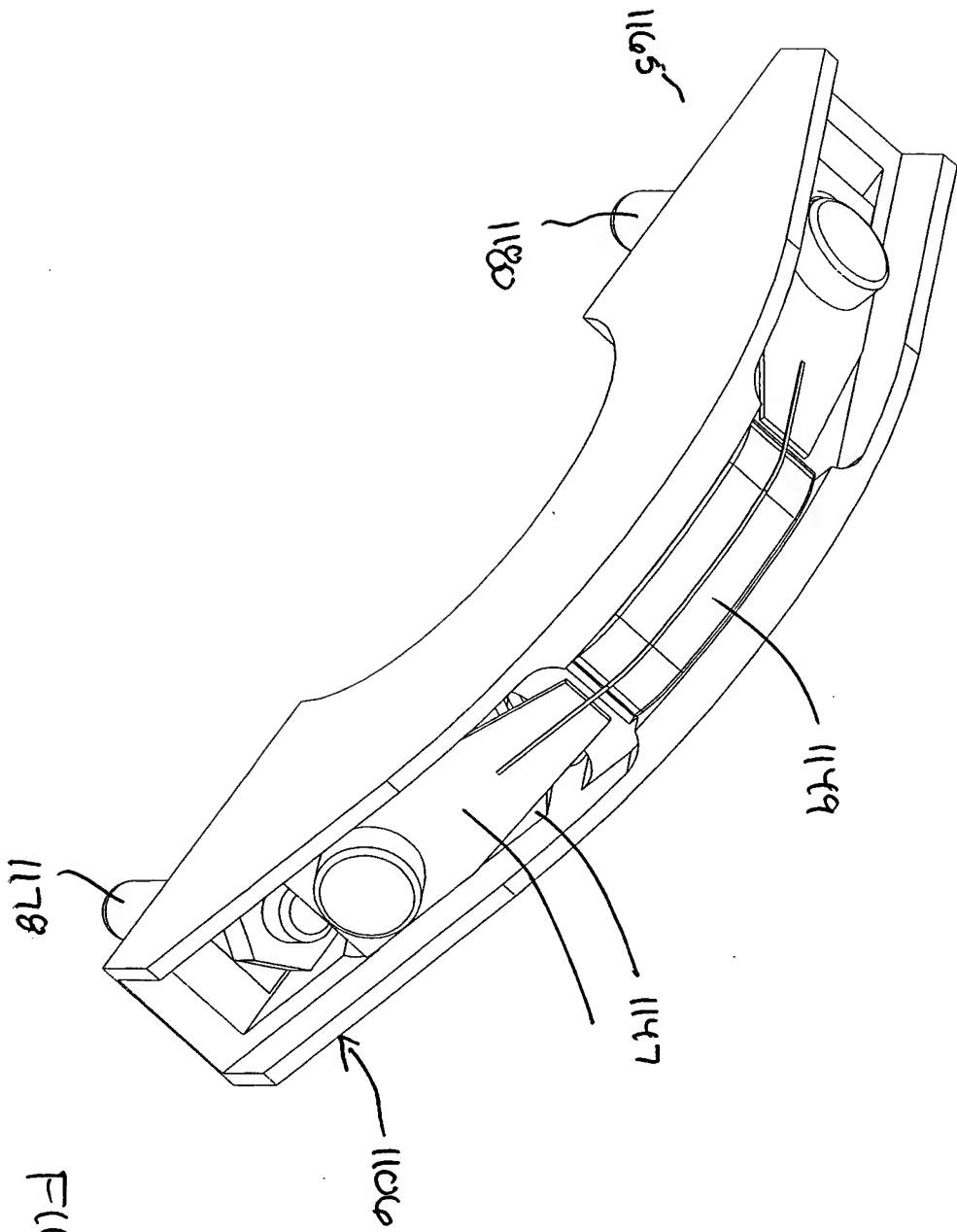


FIG. 163

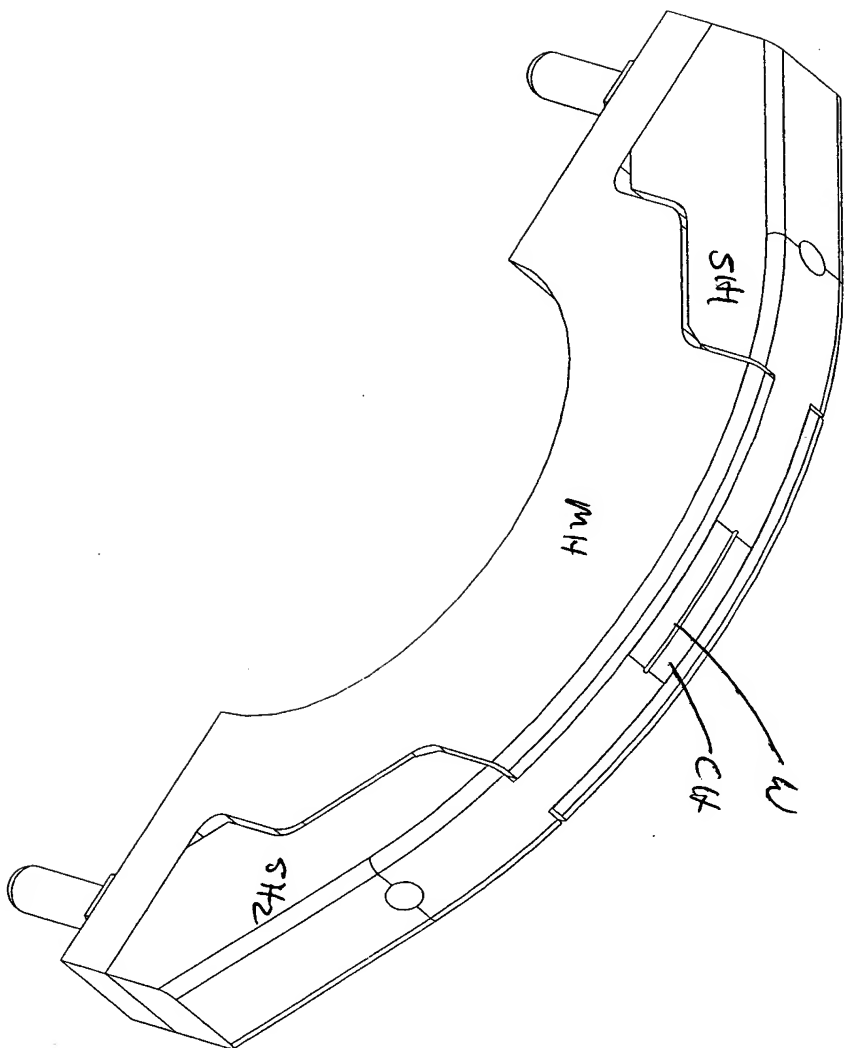


FIG. 163A

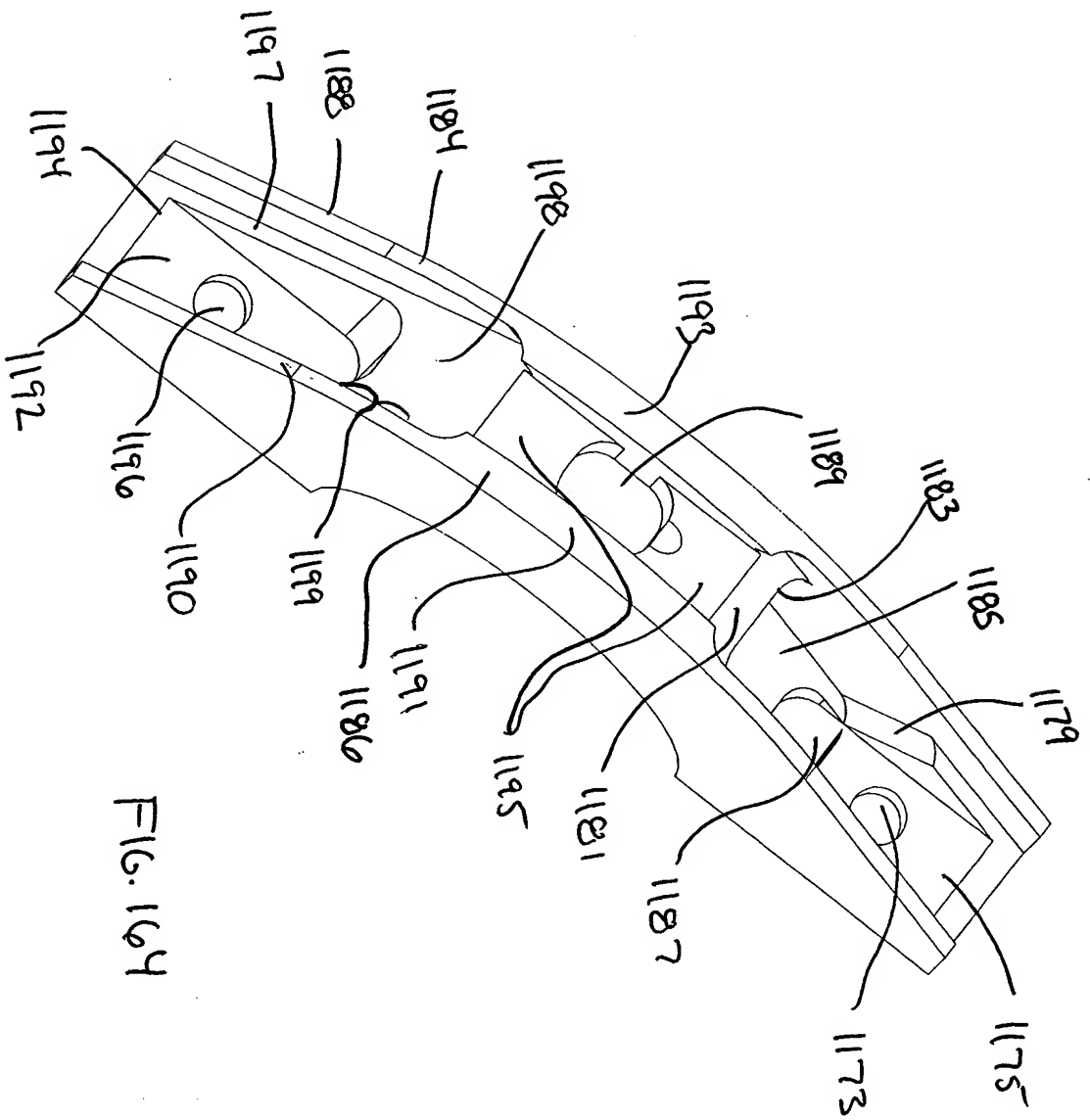


FIG. 164

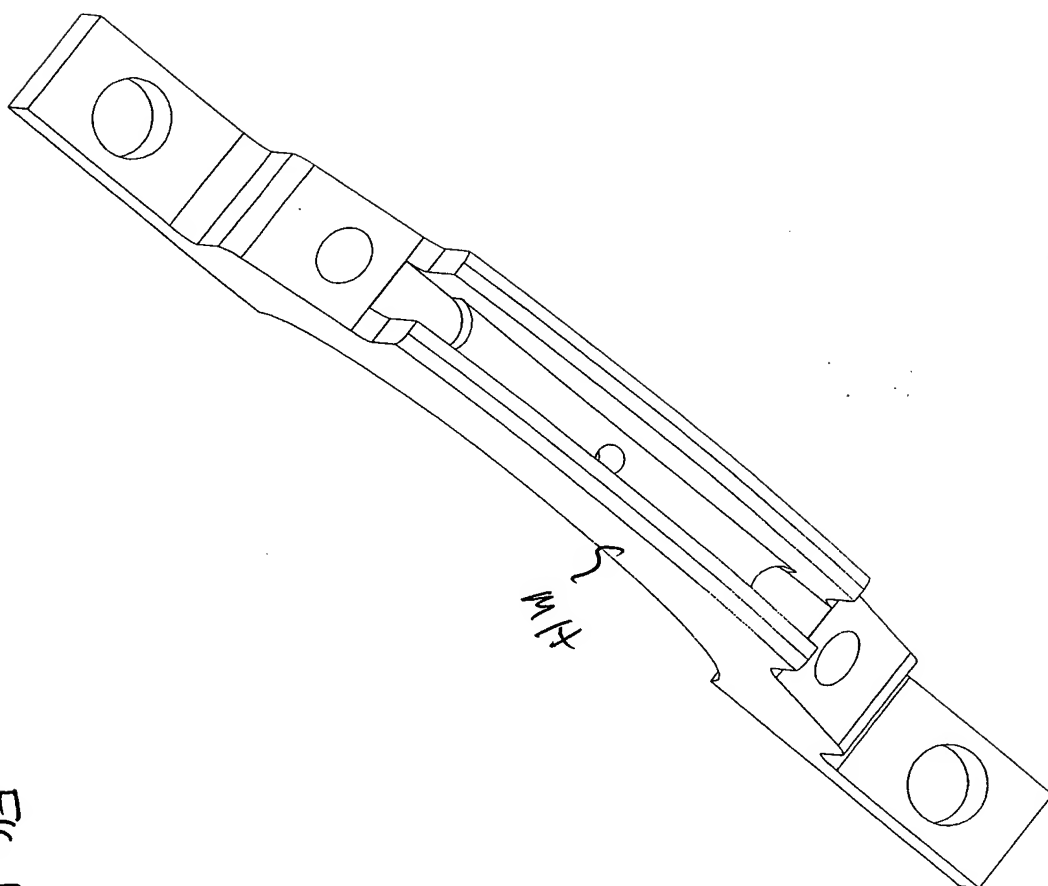


FIG. 164A



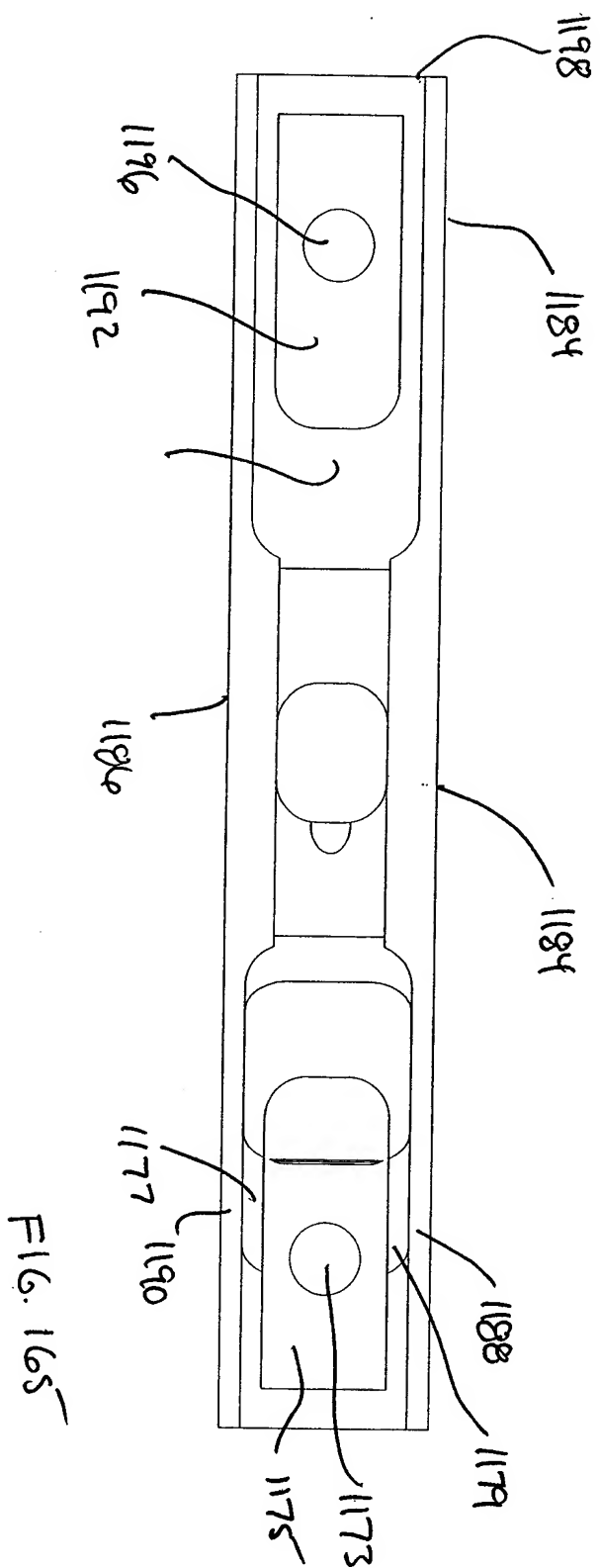


FIG. 165

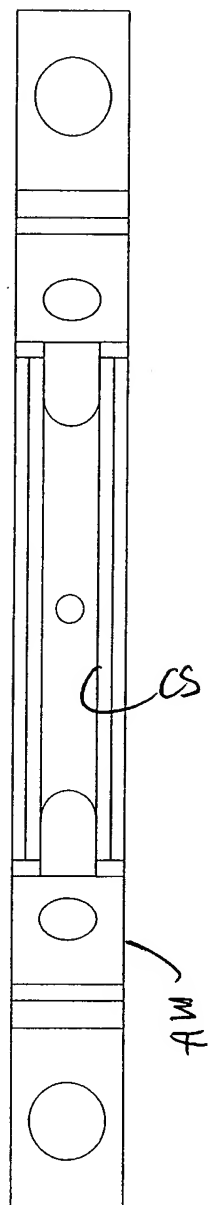


FIG. 165A

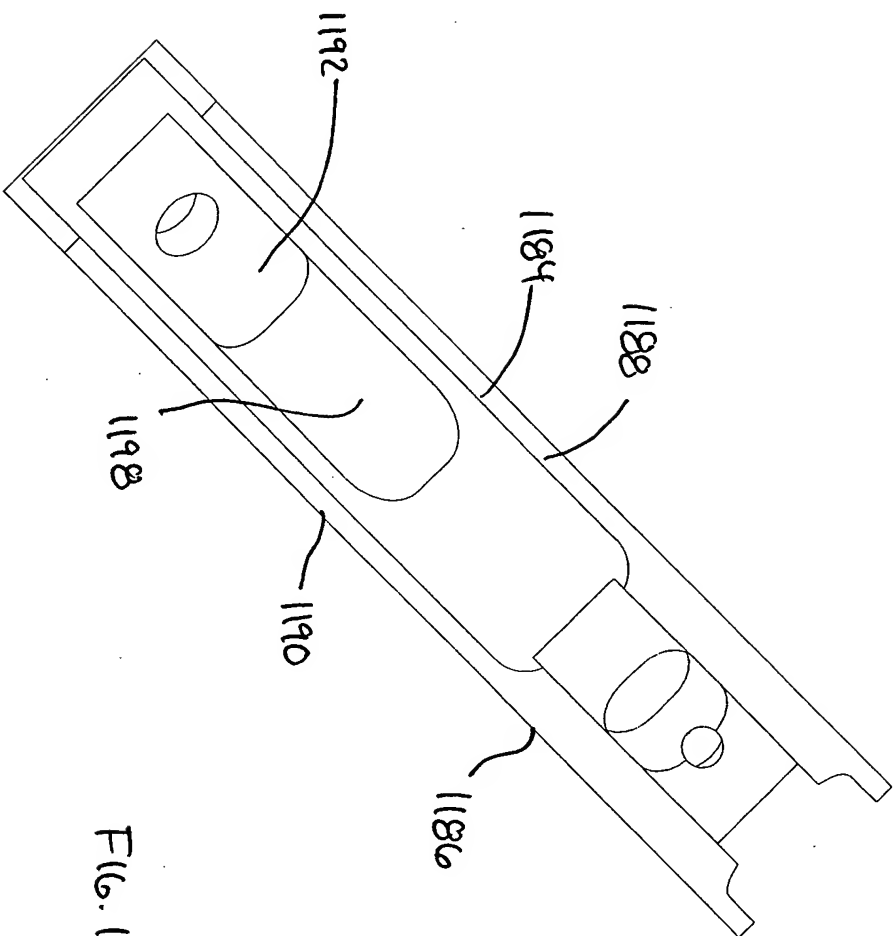


FIG. 16c

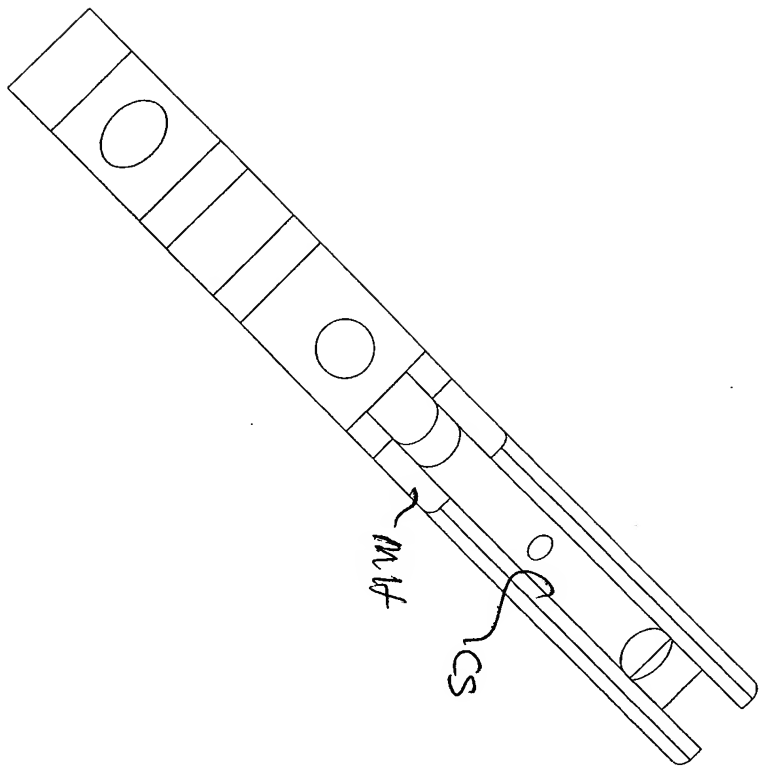


FIG. 166A

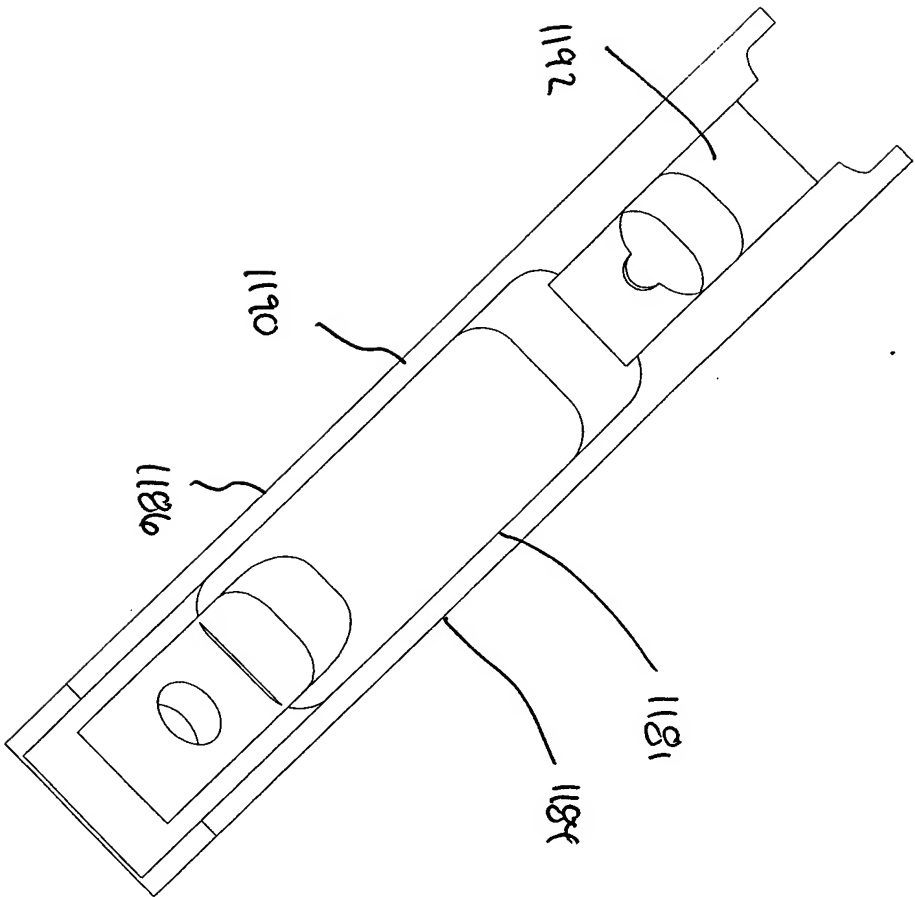


FIG. 167

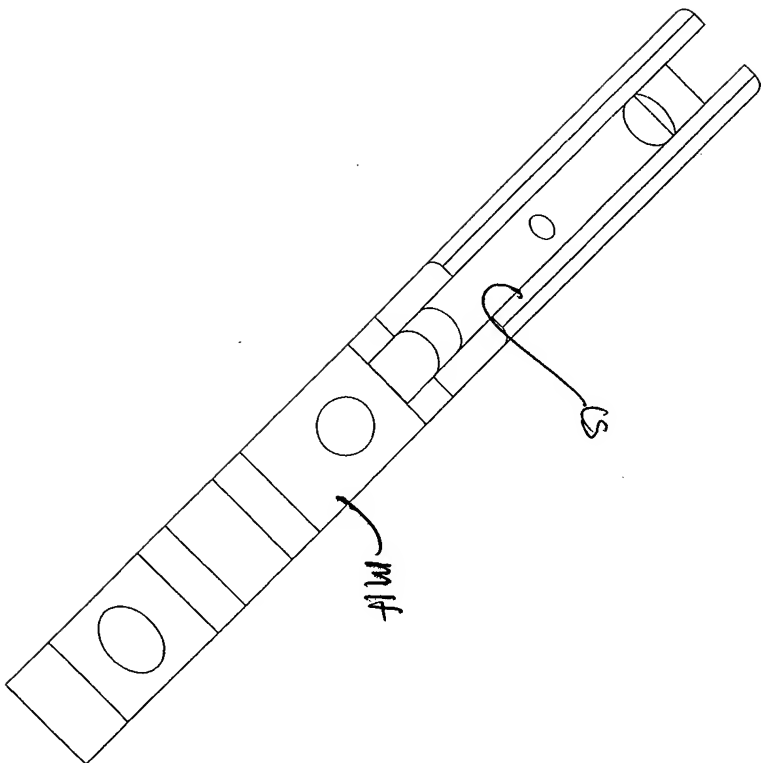
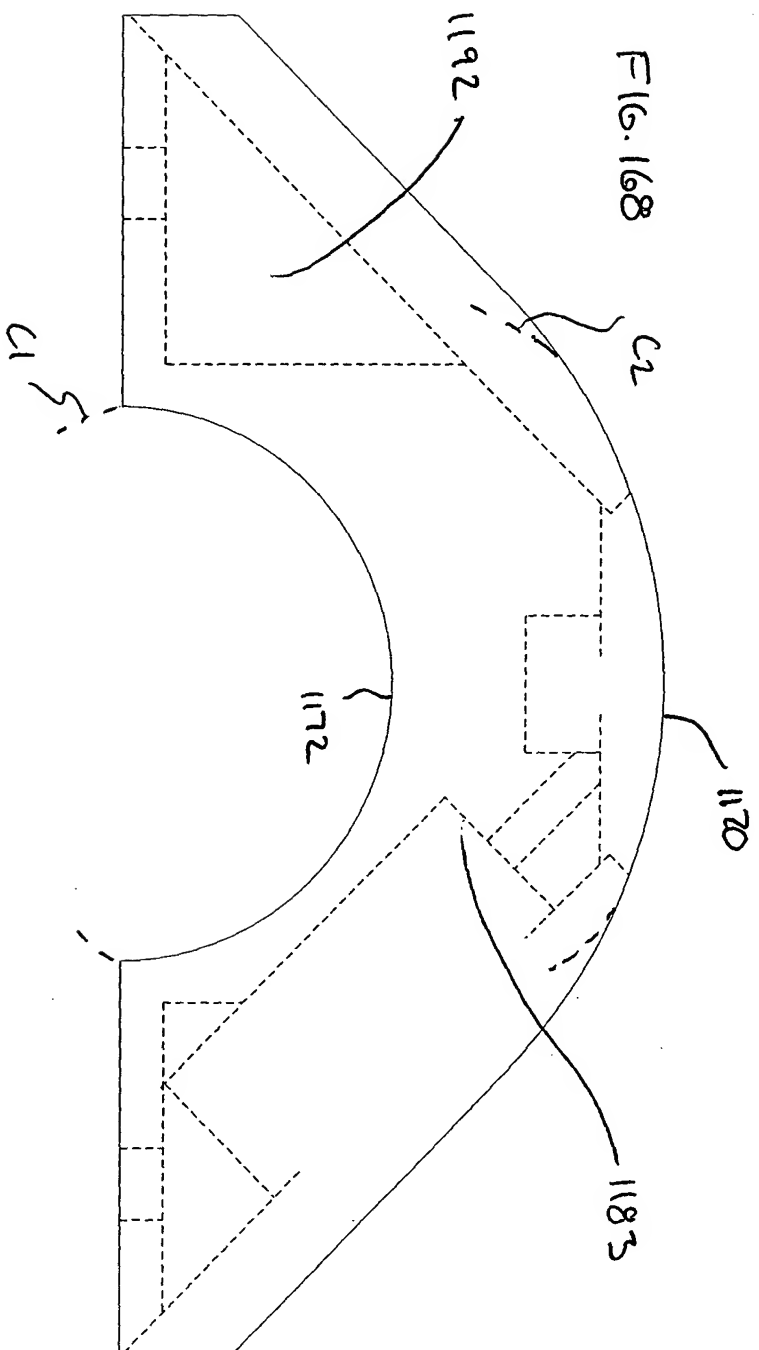


Fig. 1624



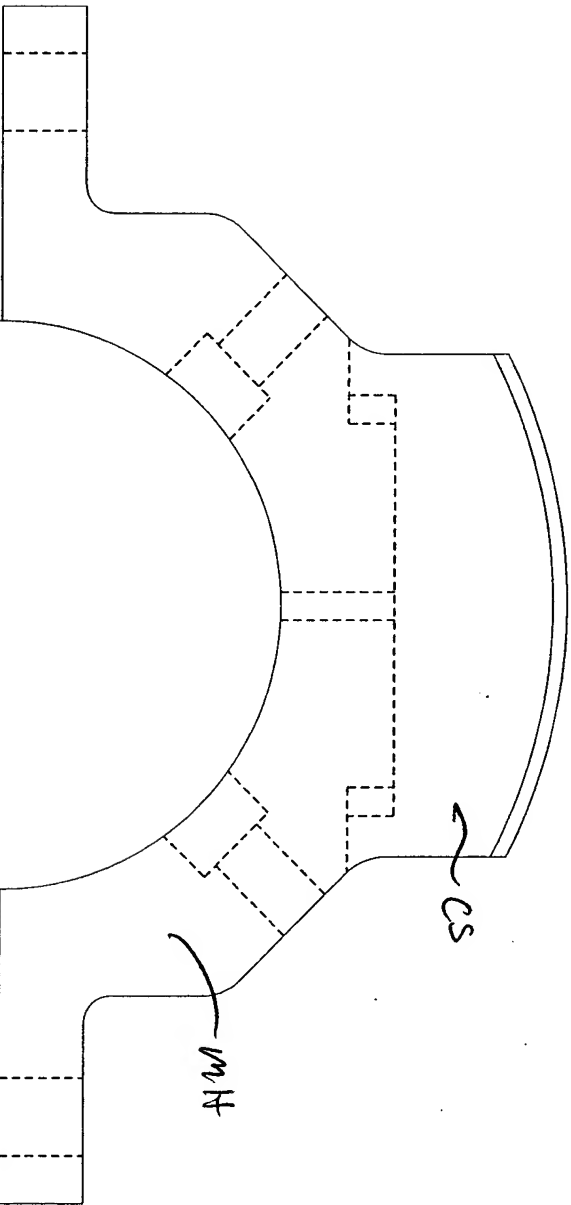


FIG. 1684



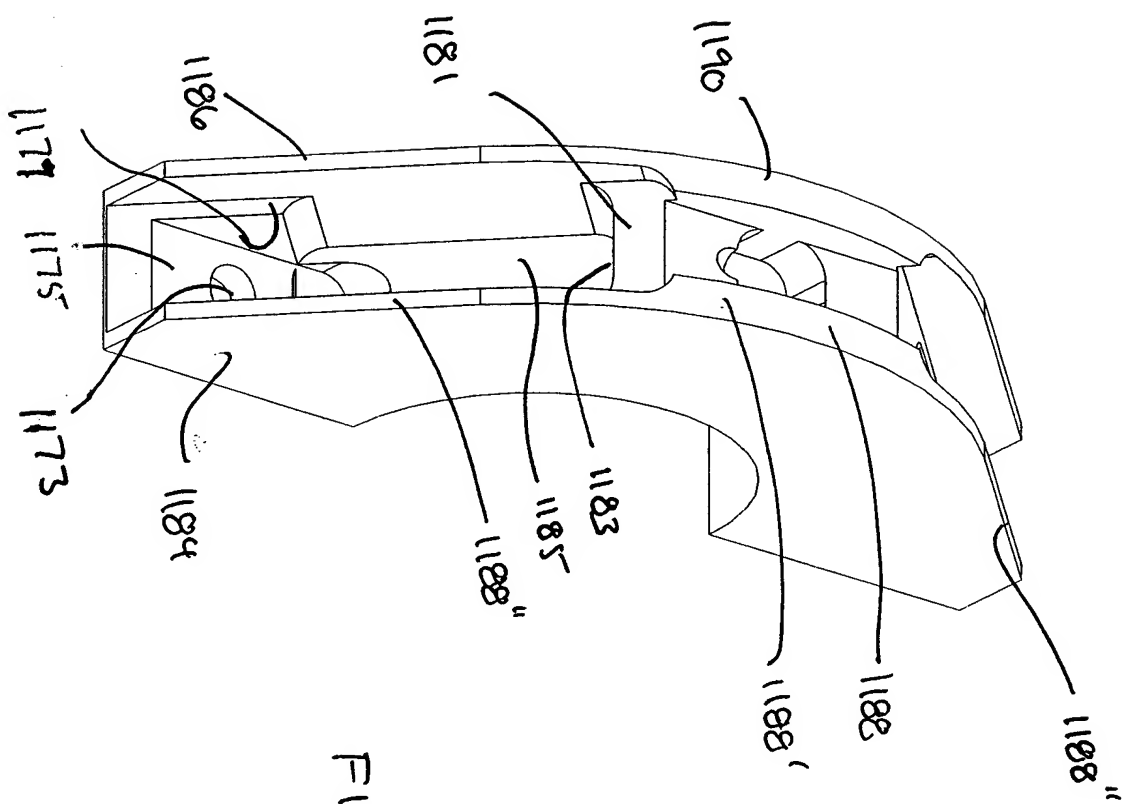


FIG. 169

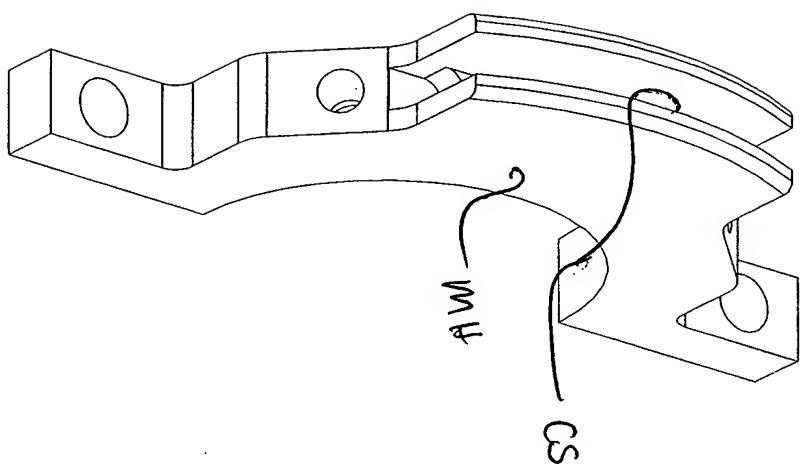


FIG. 1691A

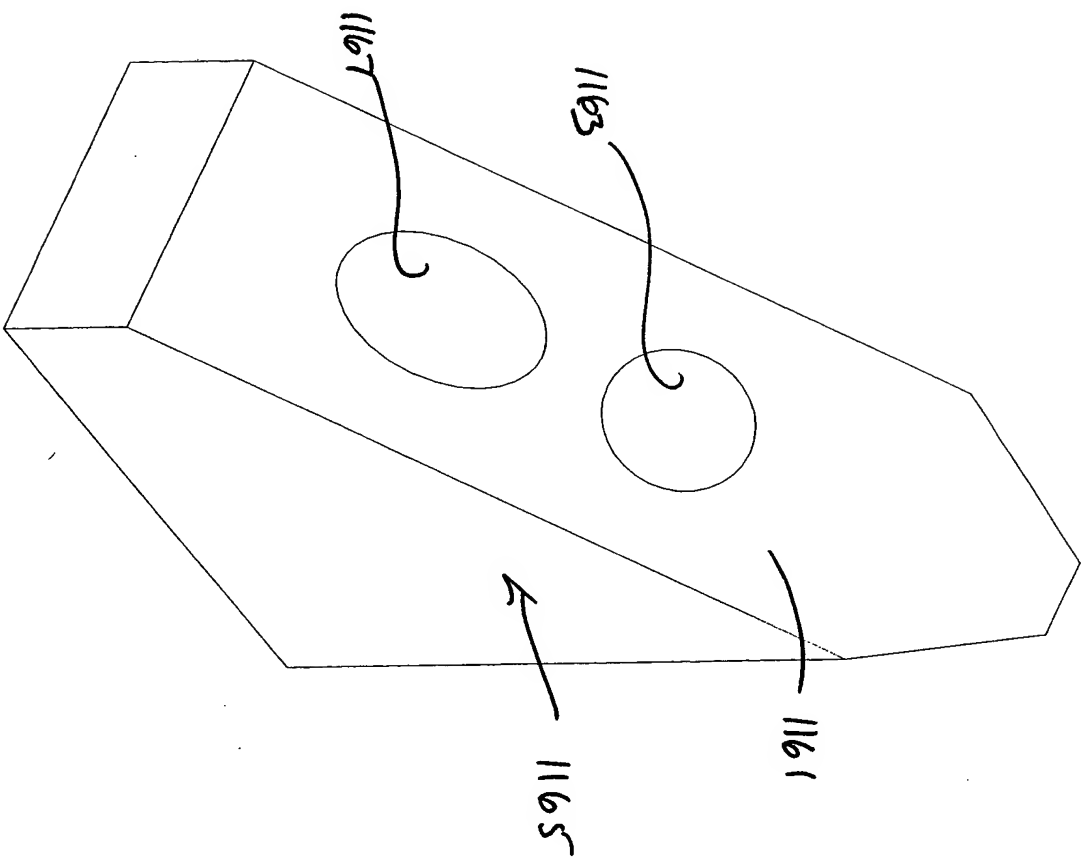


FIG. 170

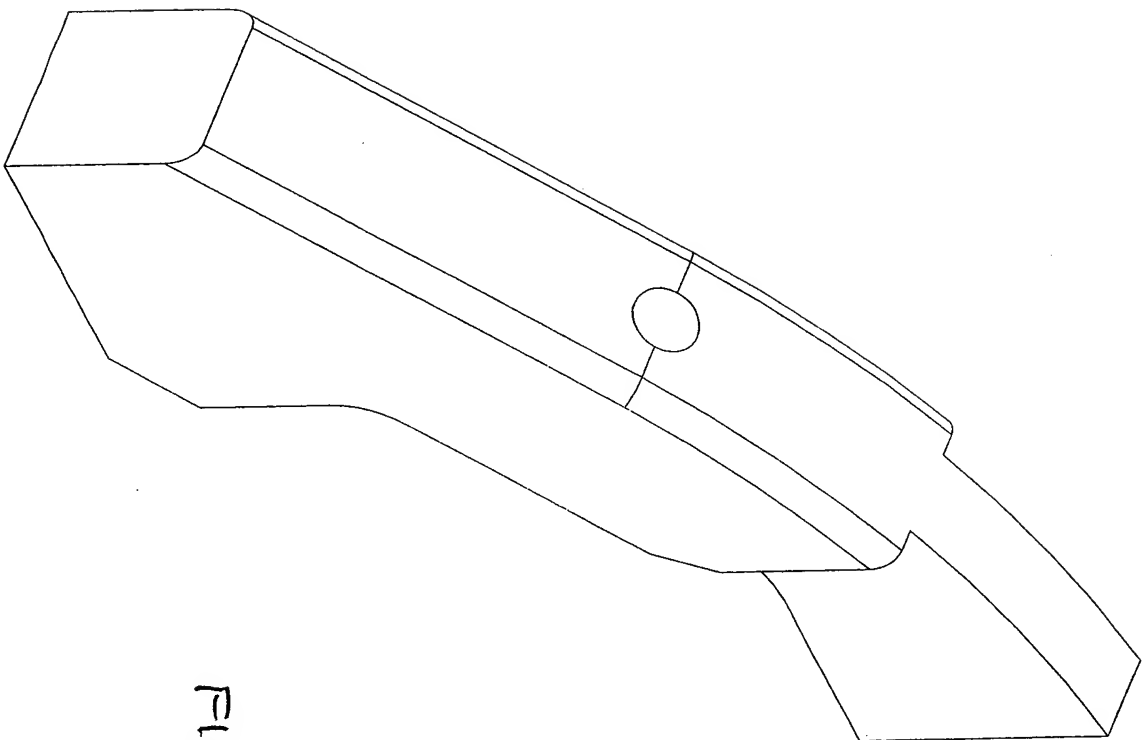


FIG. 170A

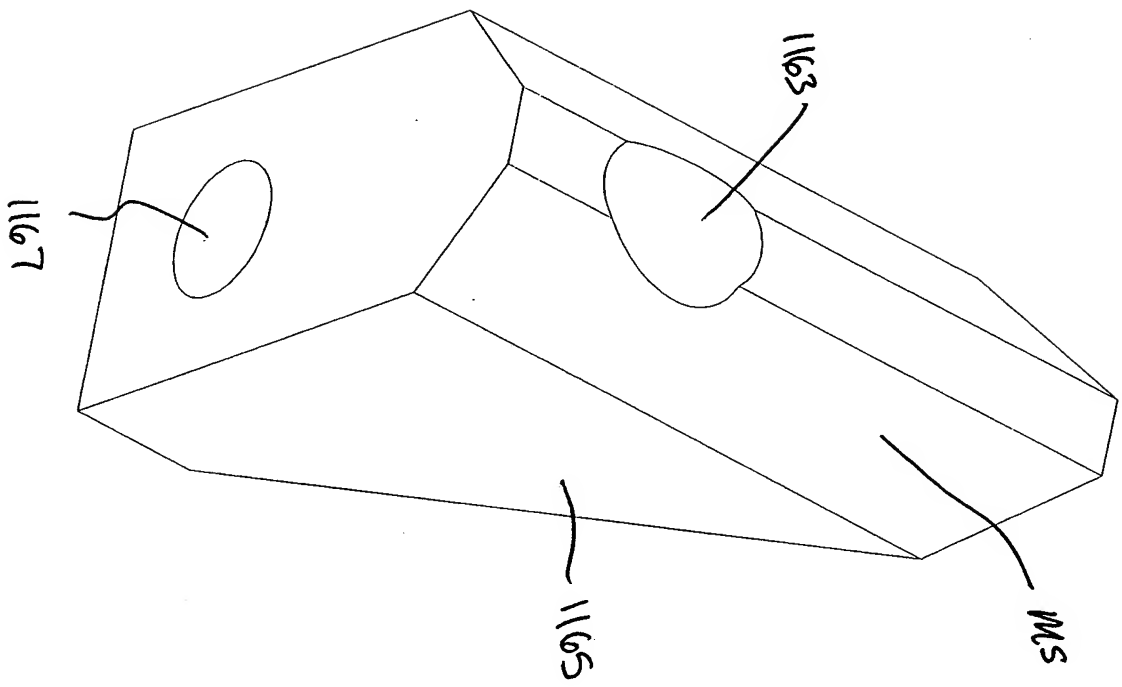


FIG. 171

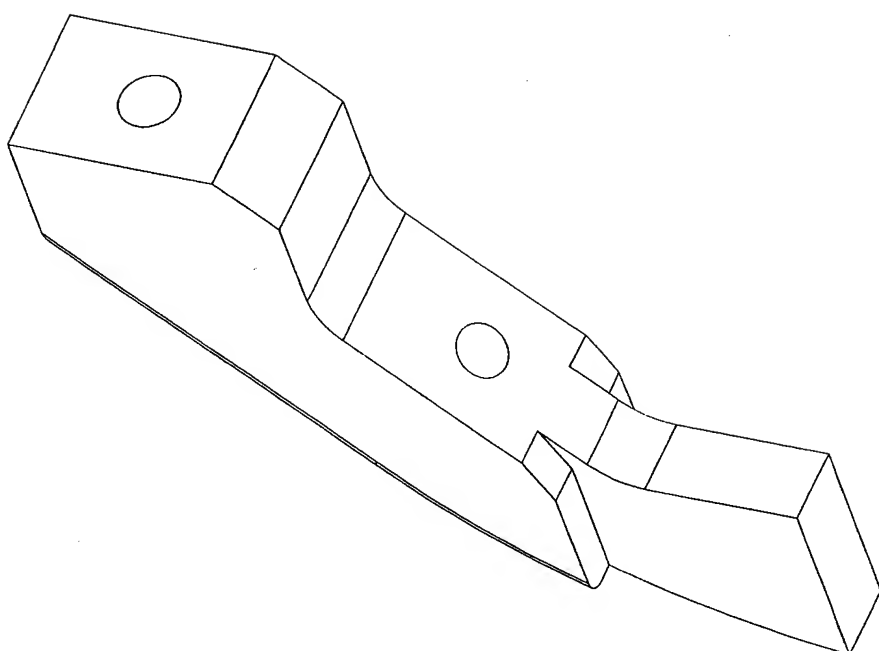
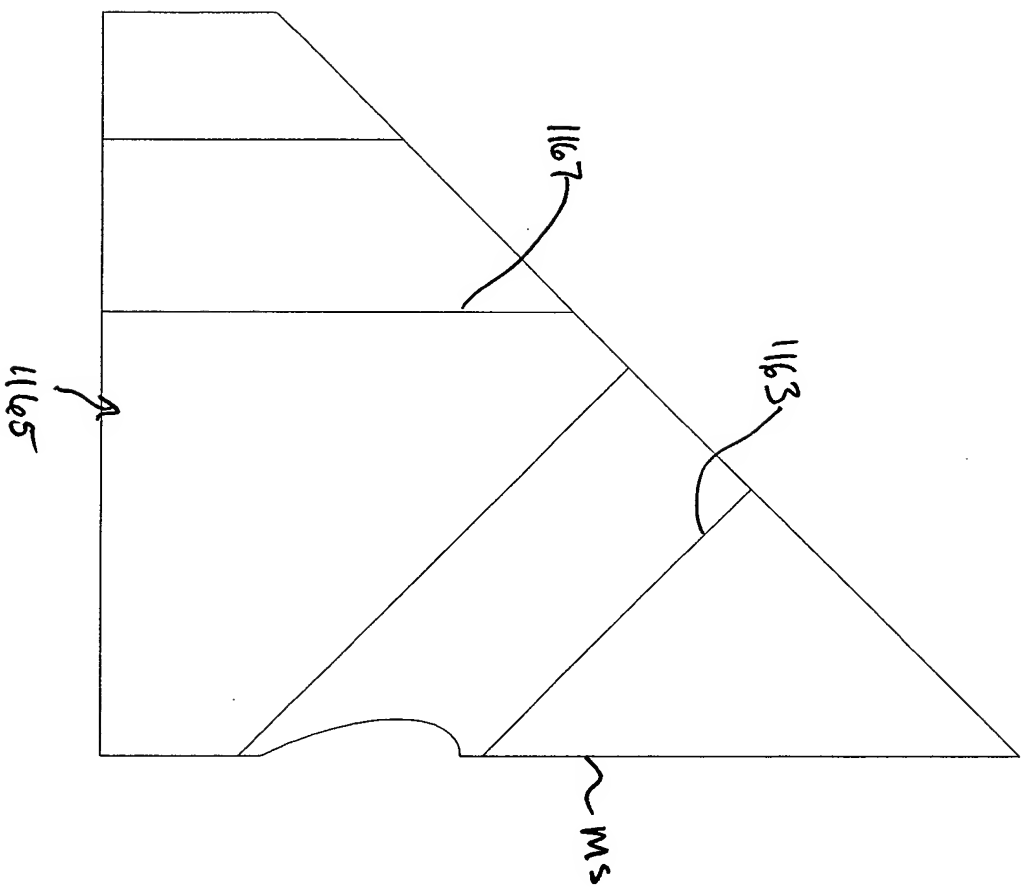


FIG. 121A



F(6.172

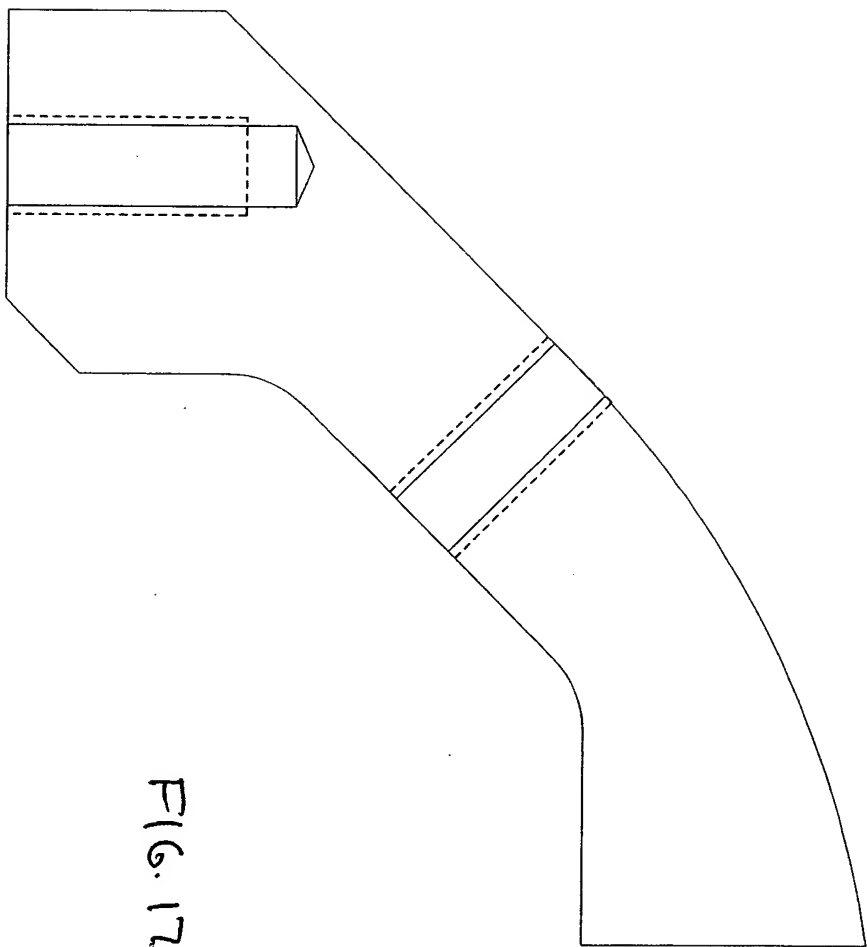


FIG. 1724



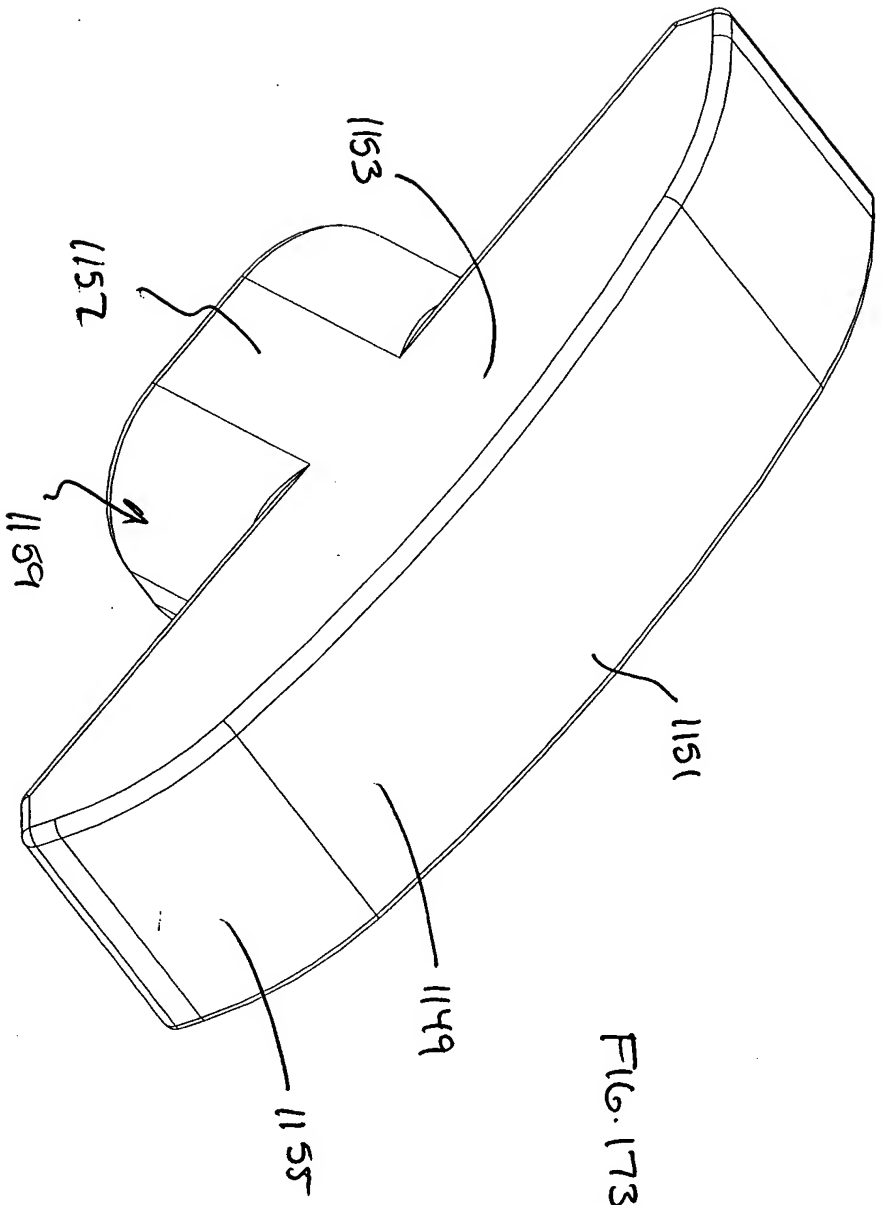


FIG. 173A

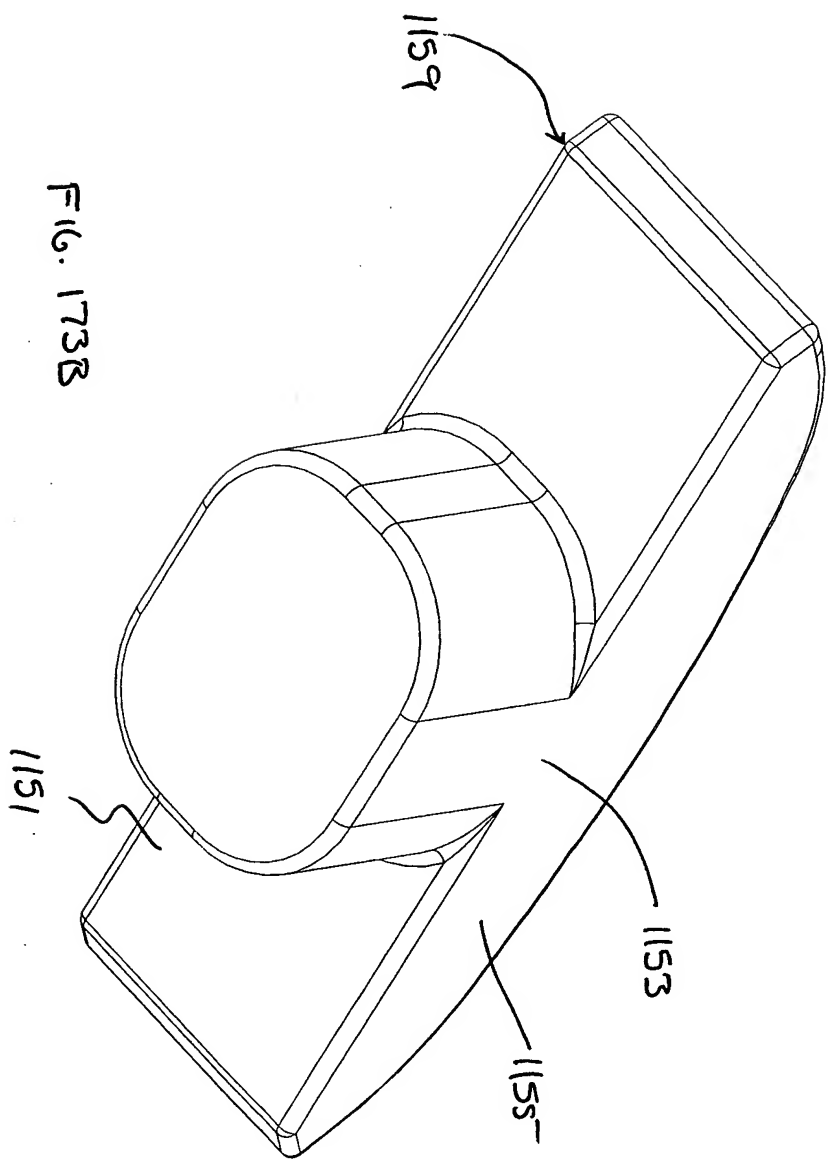


FIG. 173B

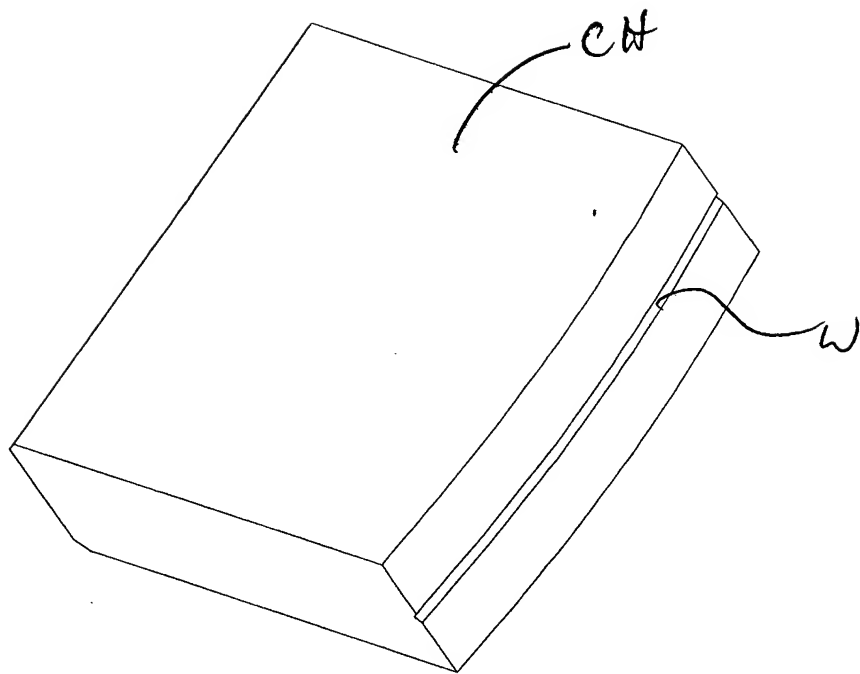


FIG. 173C

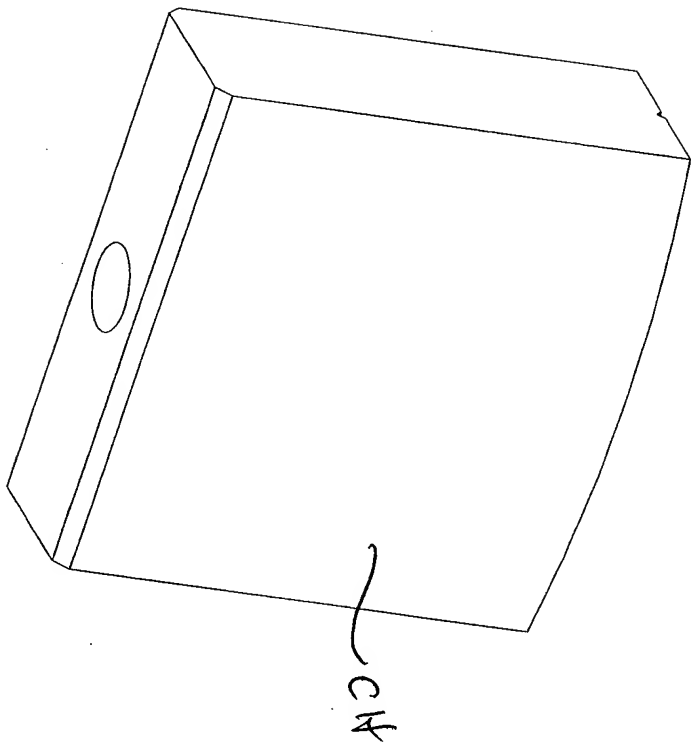
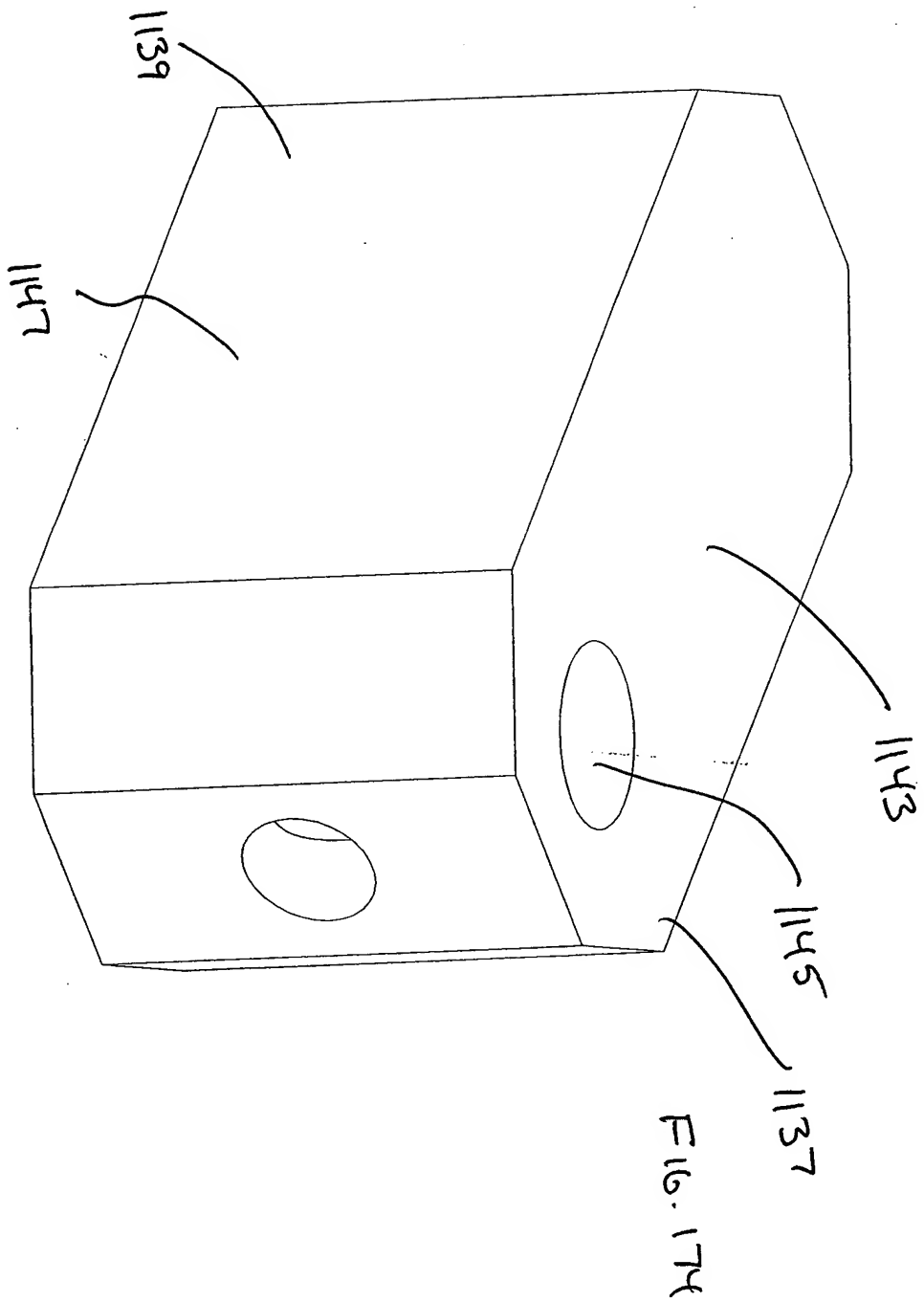


FIG. 173D



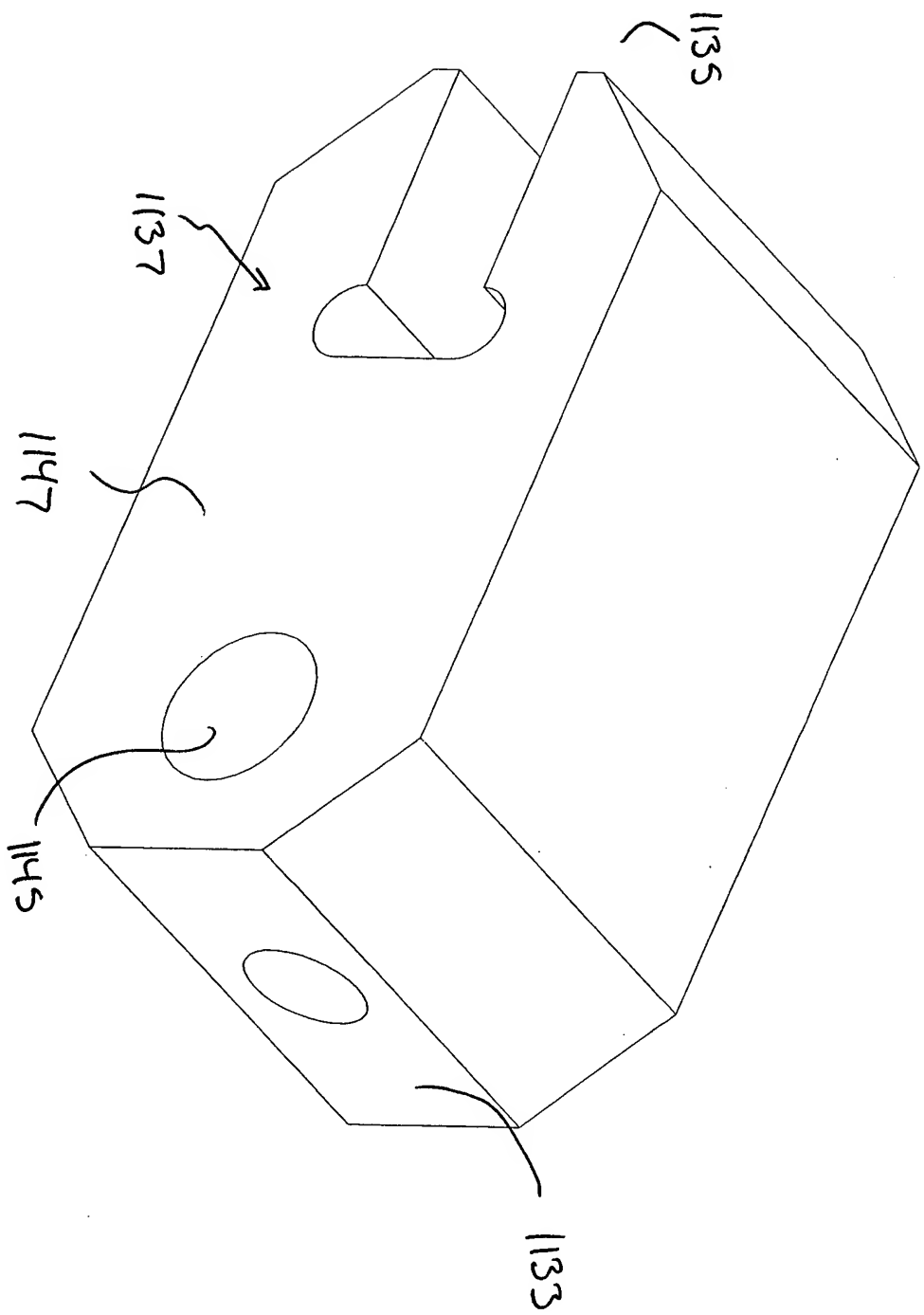


FIG. 175

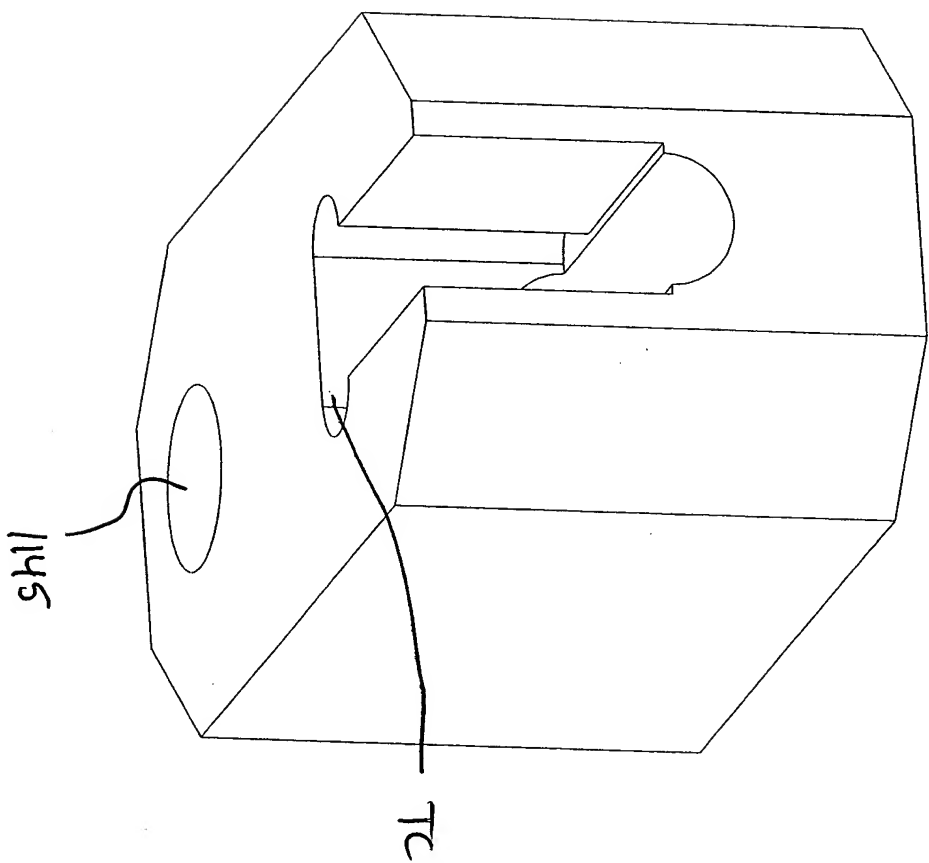


FIG. 17c

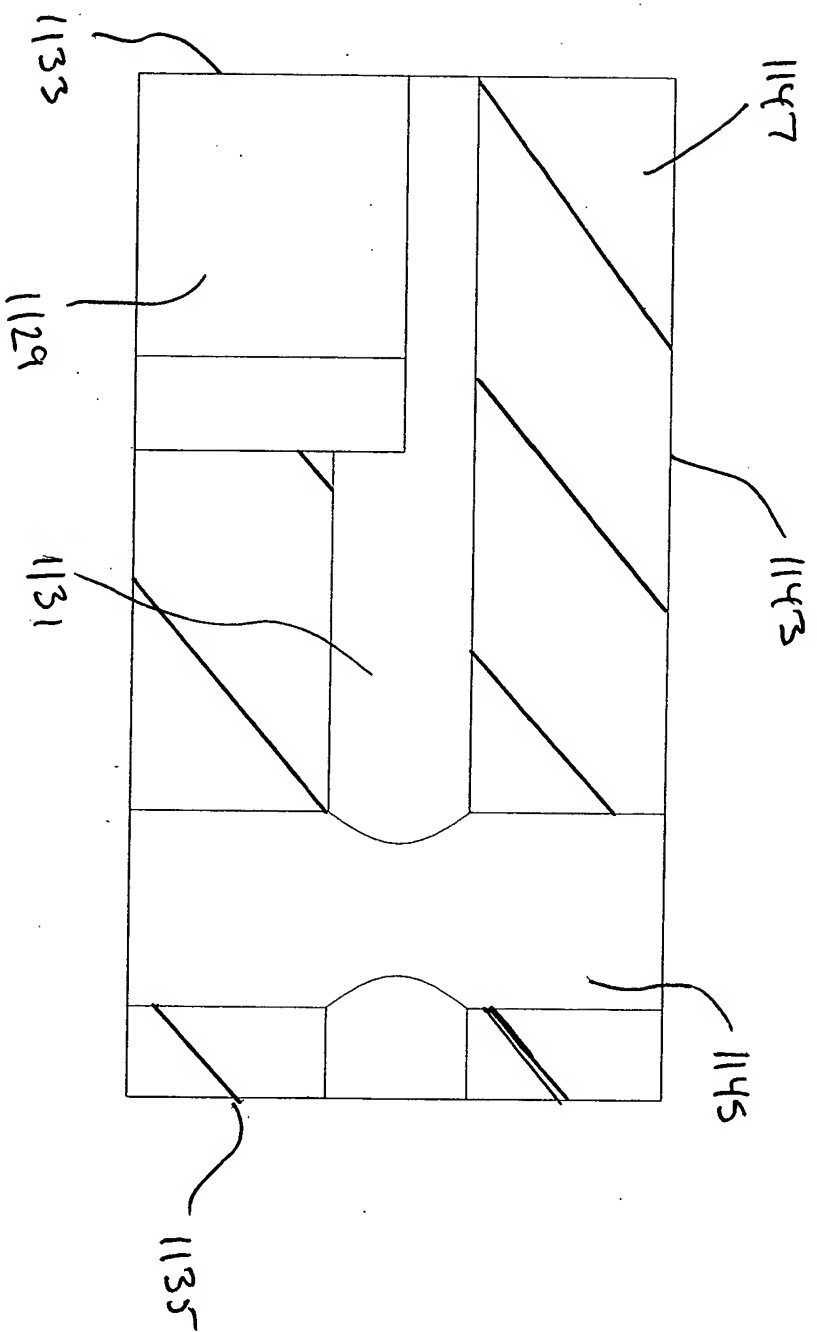


FIG. 177



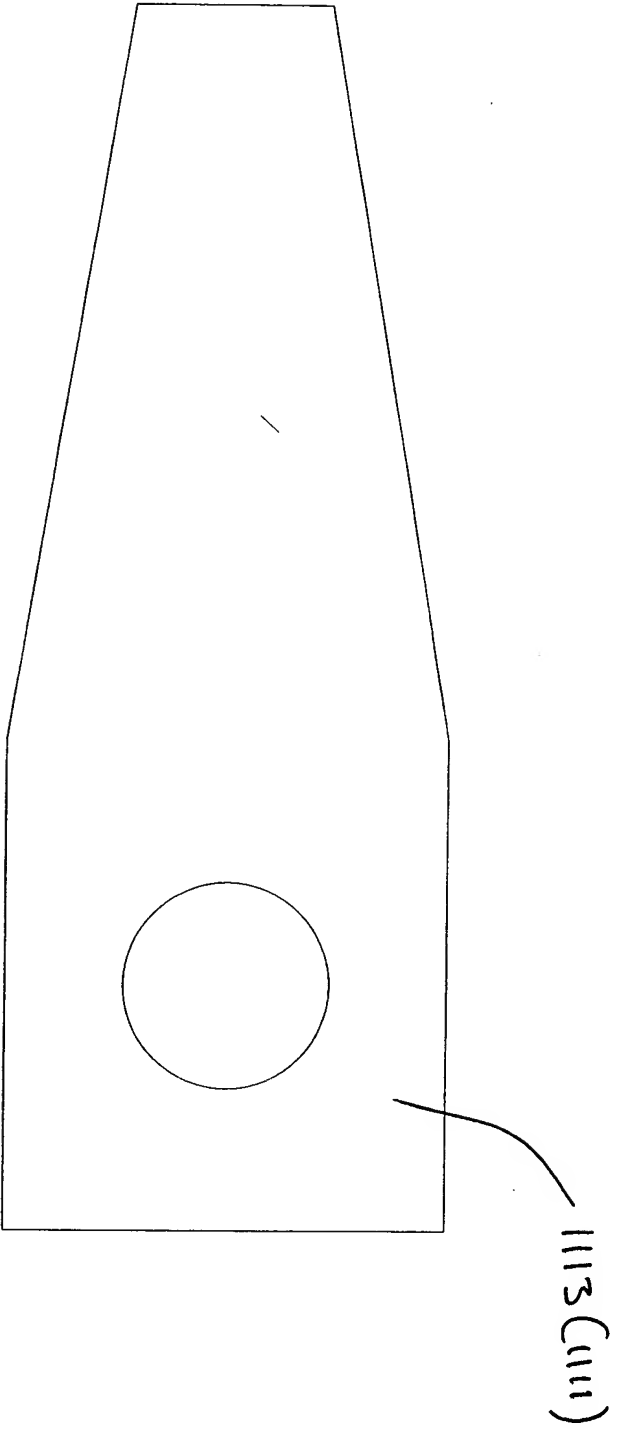


FIG. 178

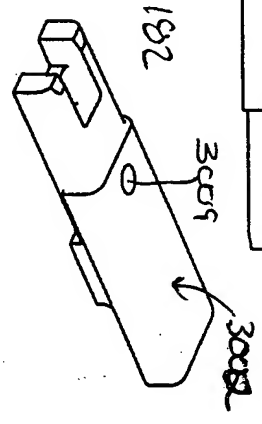
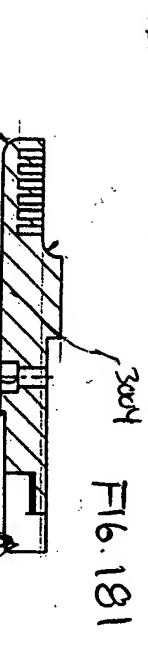
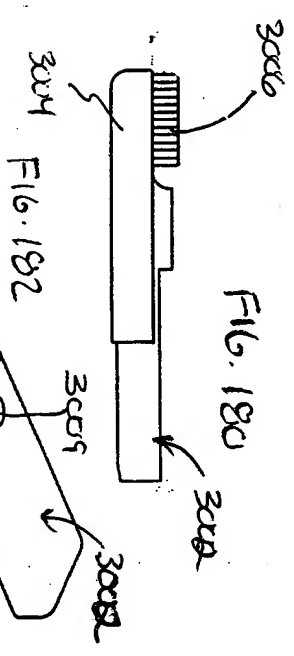
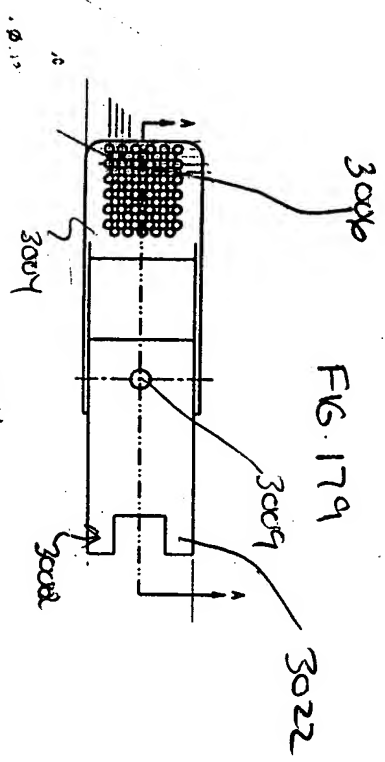


FIG. 184

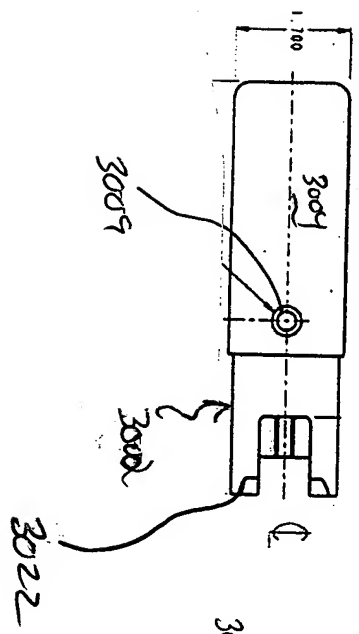


FIG. 185

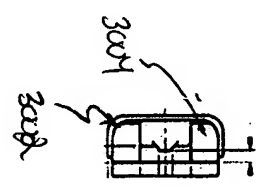


FIG. 183

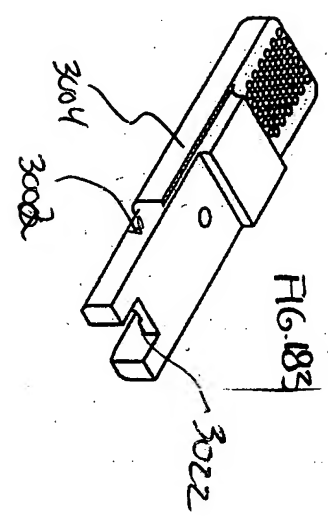


FIG. 186

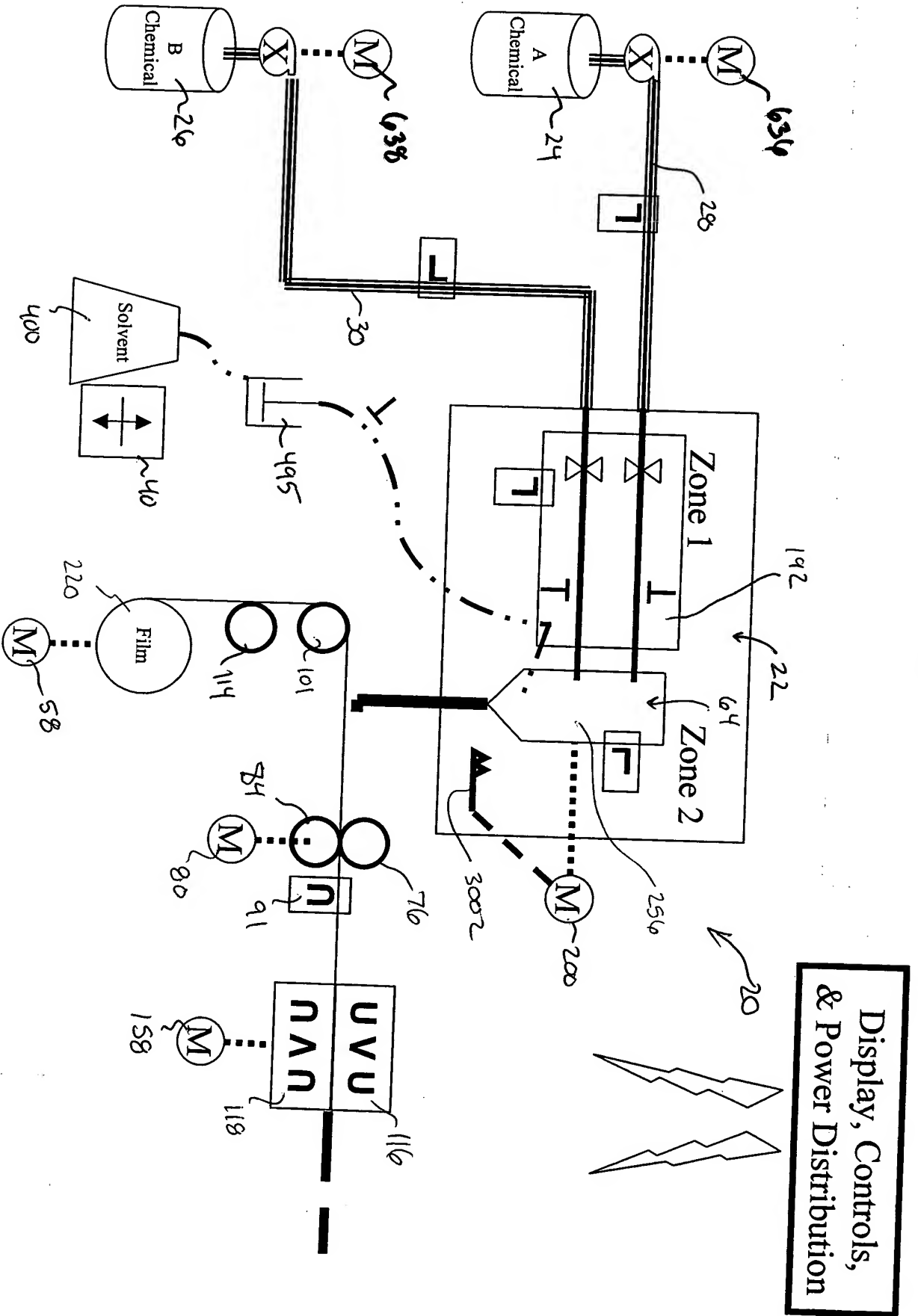









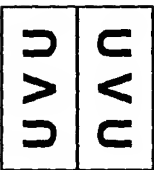




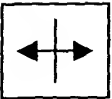
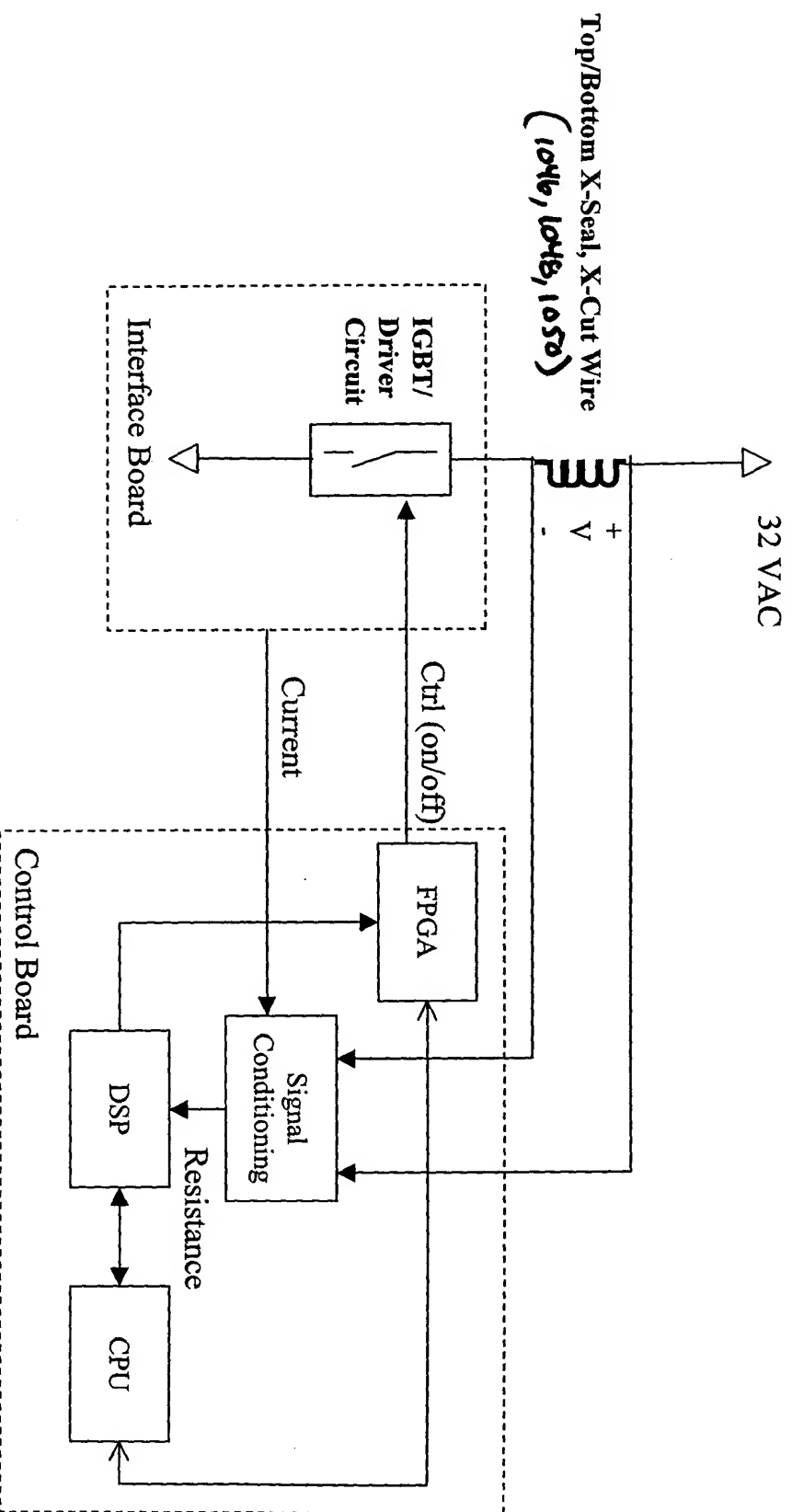


FIG. 186A

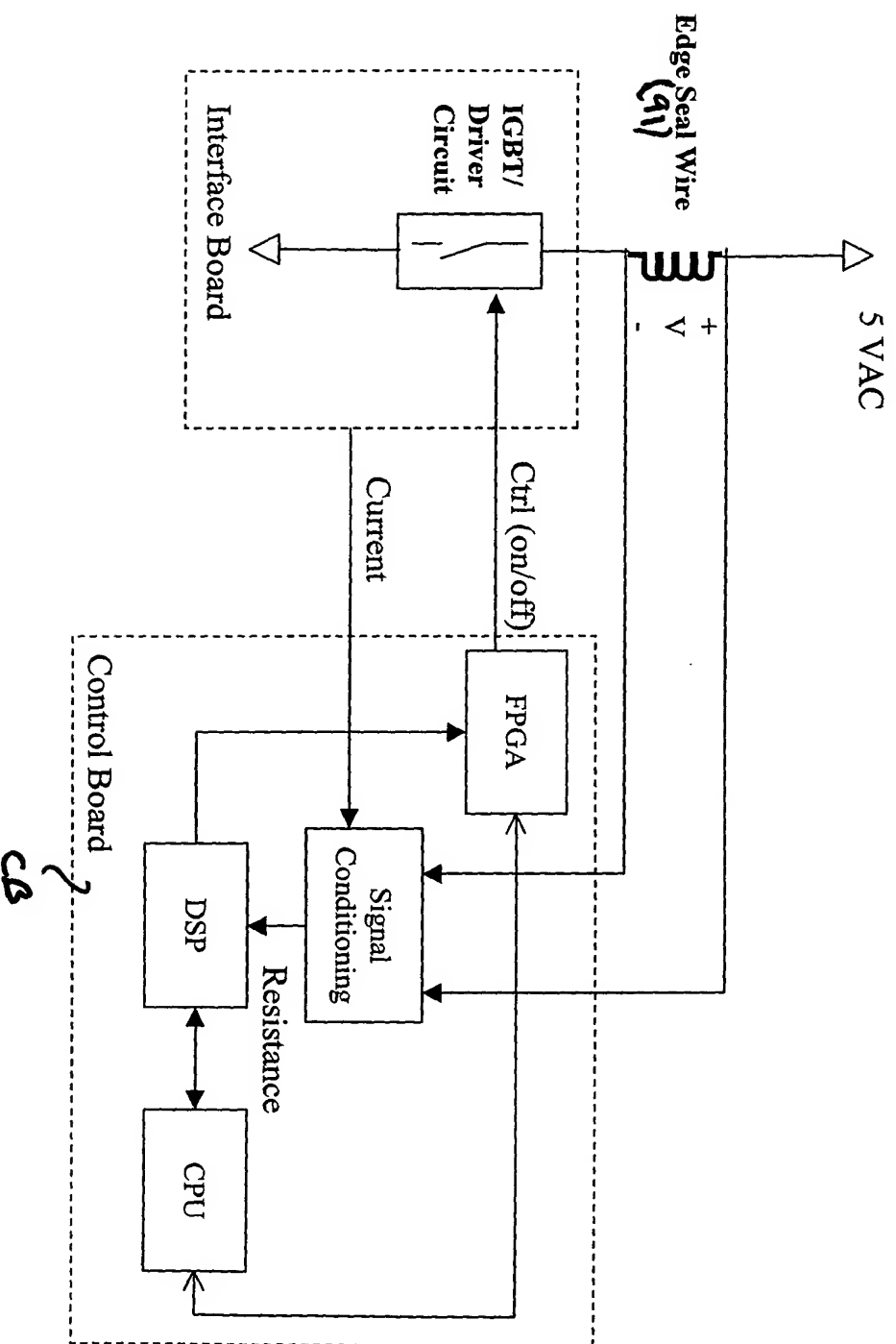
# Legend

	= Motor		= Mixing Module +
	= Linkage		= Idle Roller
	= Pump		= Nip Rollers
	= Pump Shaft/Hose		= Edge Seal Wire
	= Heating element (all orientations)		= Jaw Assembly (X-seal, X-cut, X-seal)
	= Filter		
	= Pressure Transducer (all orientations)		
	= Tip Cleaning Brush		
	= Solvent Pump		
	= Level Sensor		

# Top/Bottom X-Seal, X-cut



# Edge Seal



# Moving Jaw

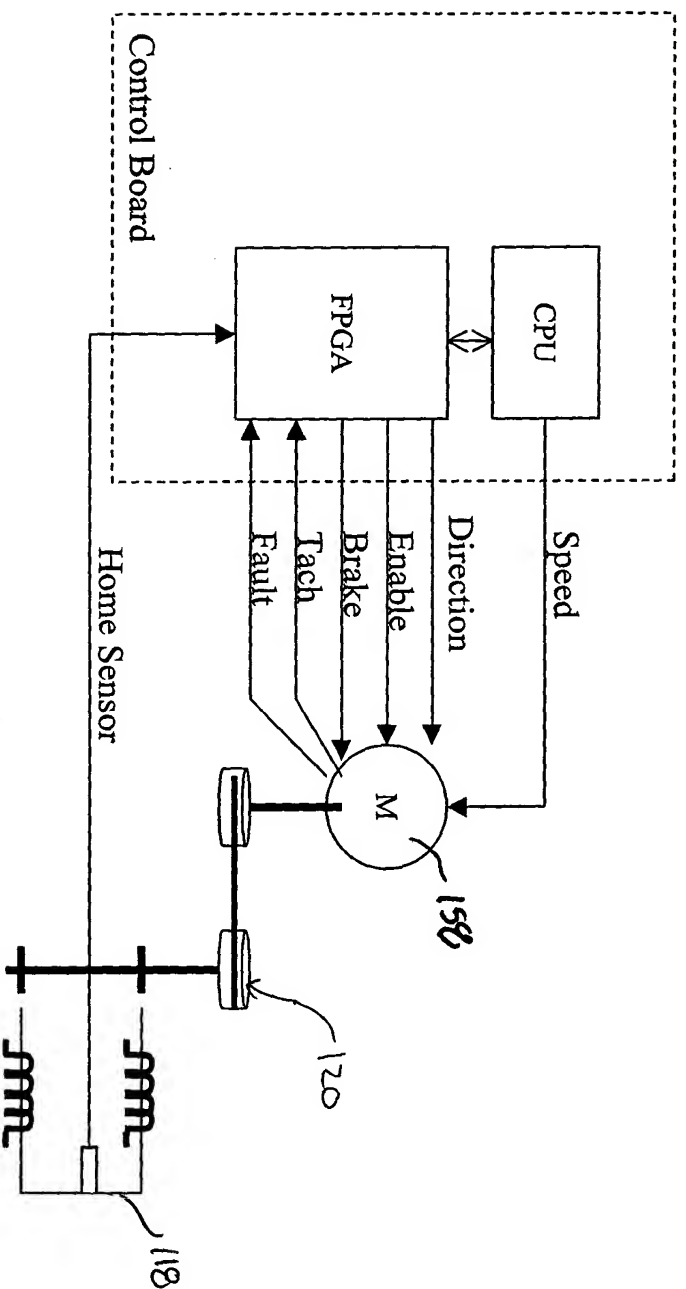
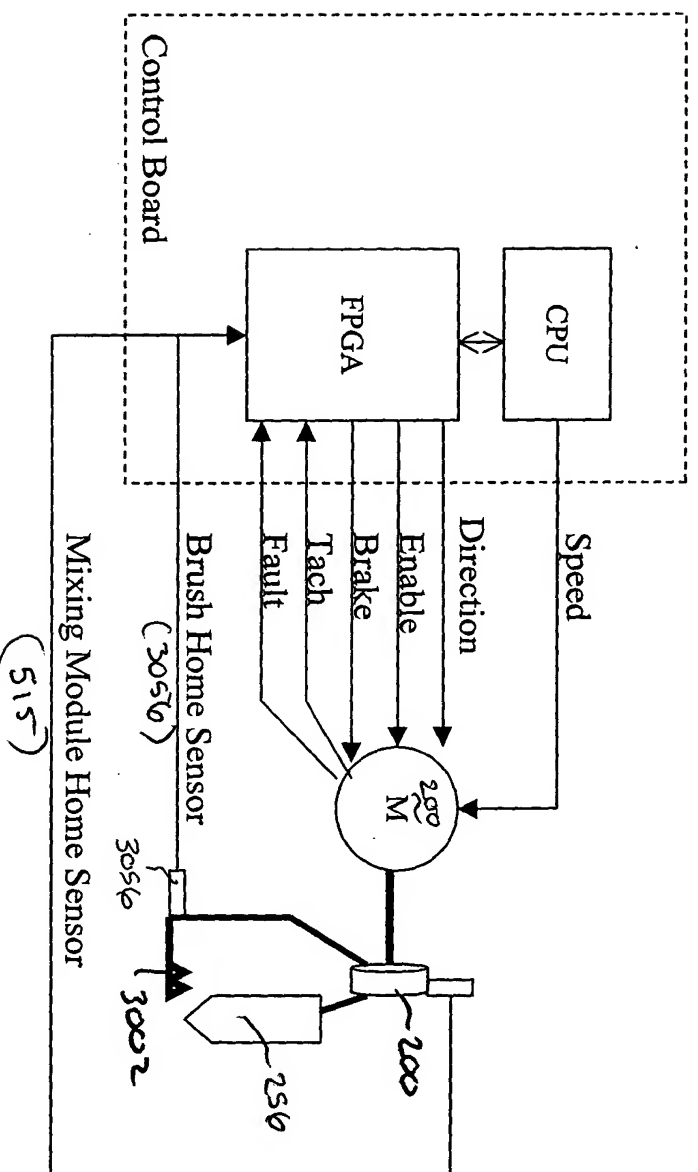


FIG. 189

# Chemical Dispensing/Tip Cleaning





# Film Advance/Tracking

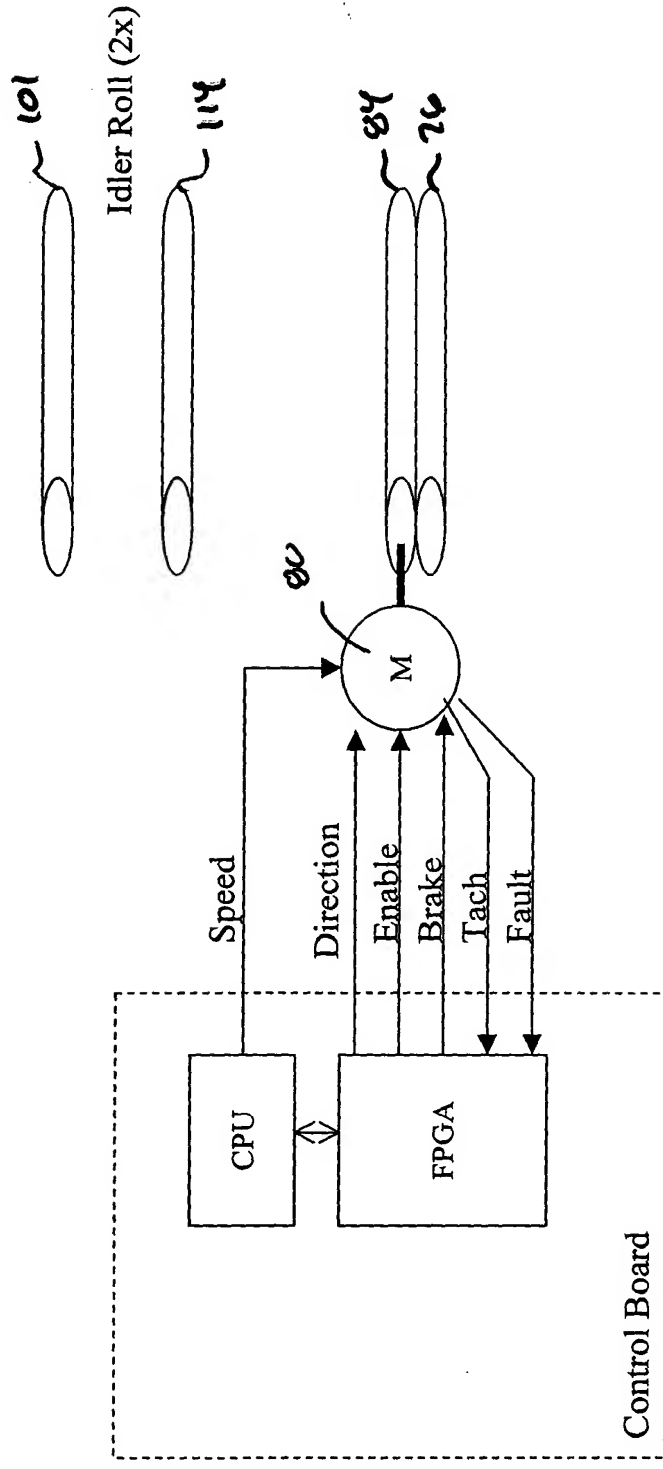


FIG. 191

# Film Tension

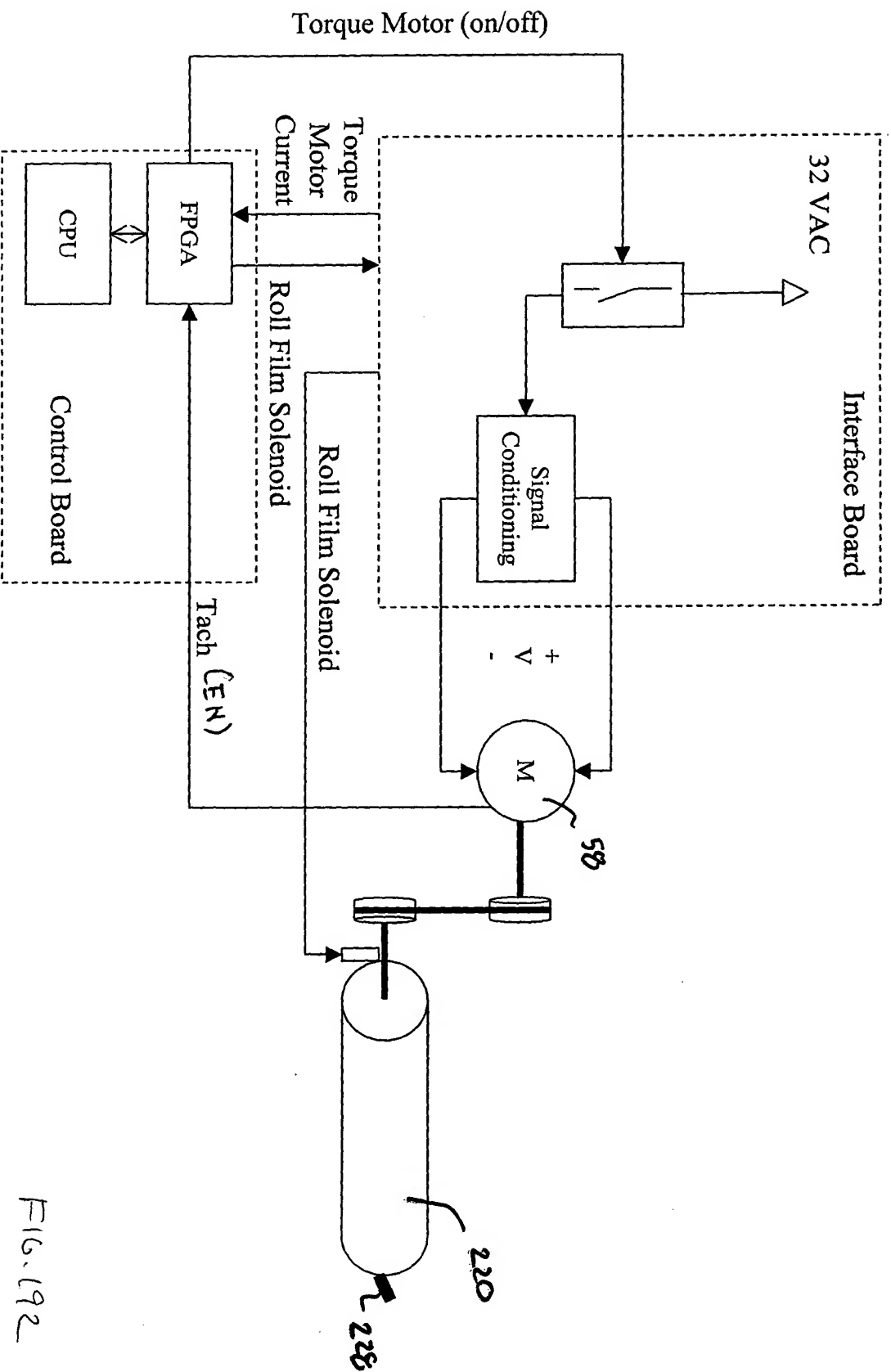
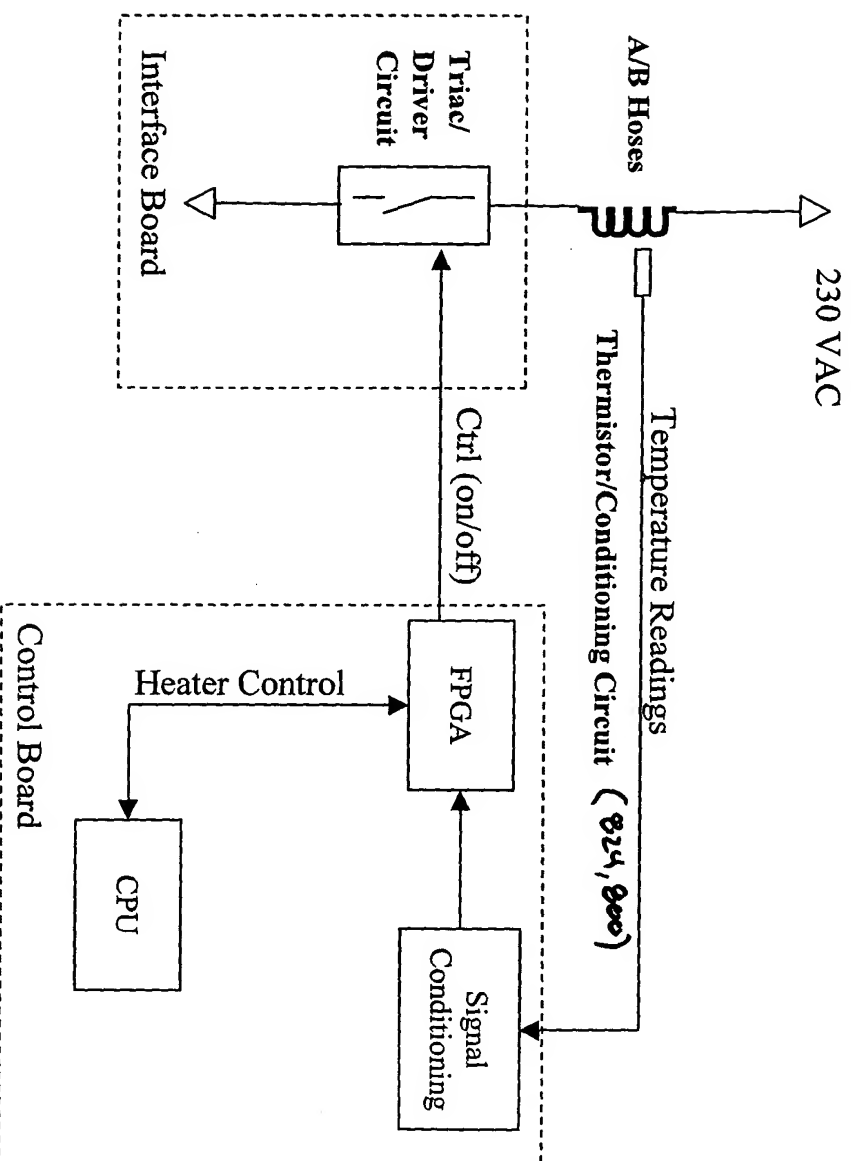


FIG. 192

# Chemical Temperature Control (Hoses)



# Chemical Temperature Control (Manifold Zones)

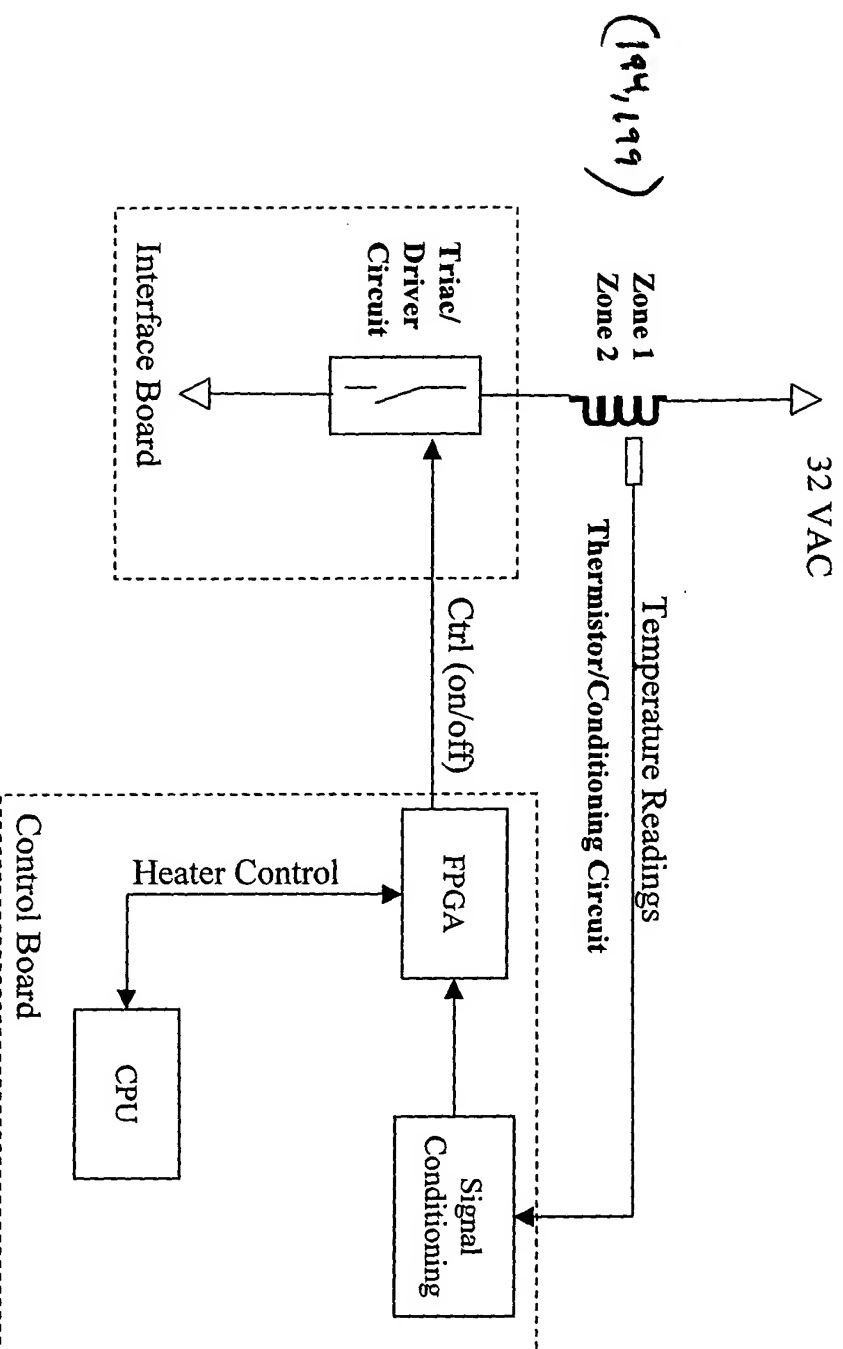


FIG. 194

# Chemical Pressure

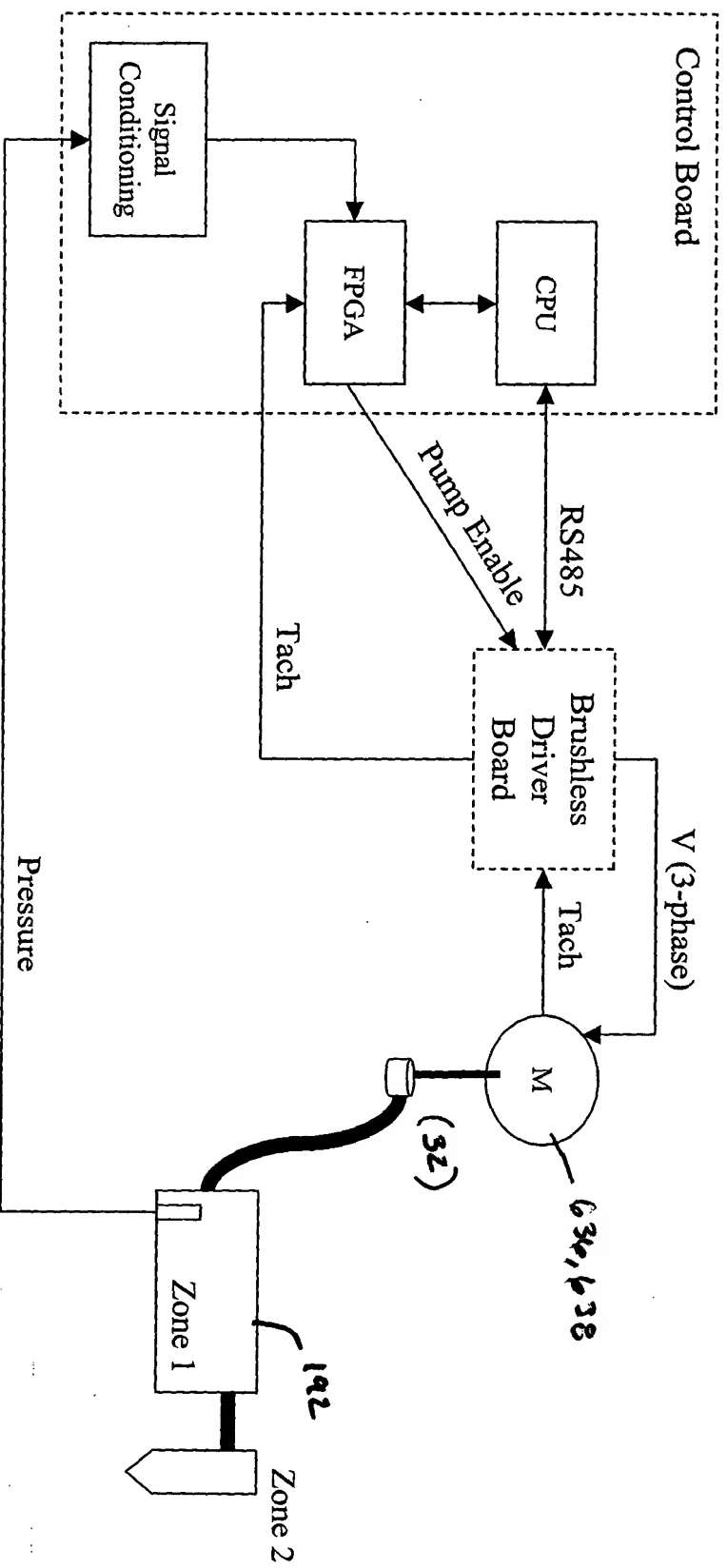


FIG. 195

# Solvent System Control

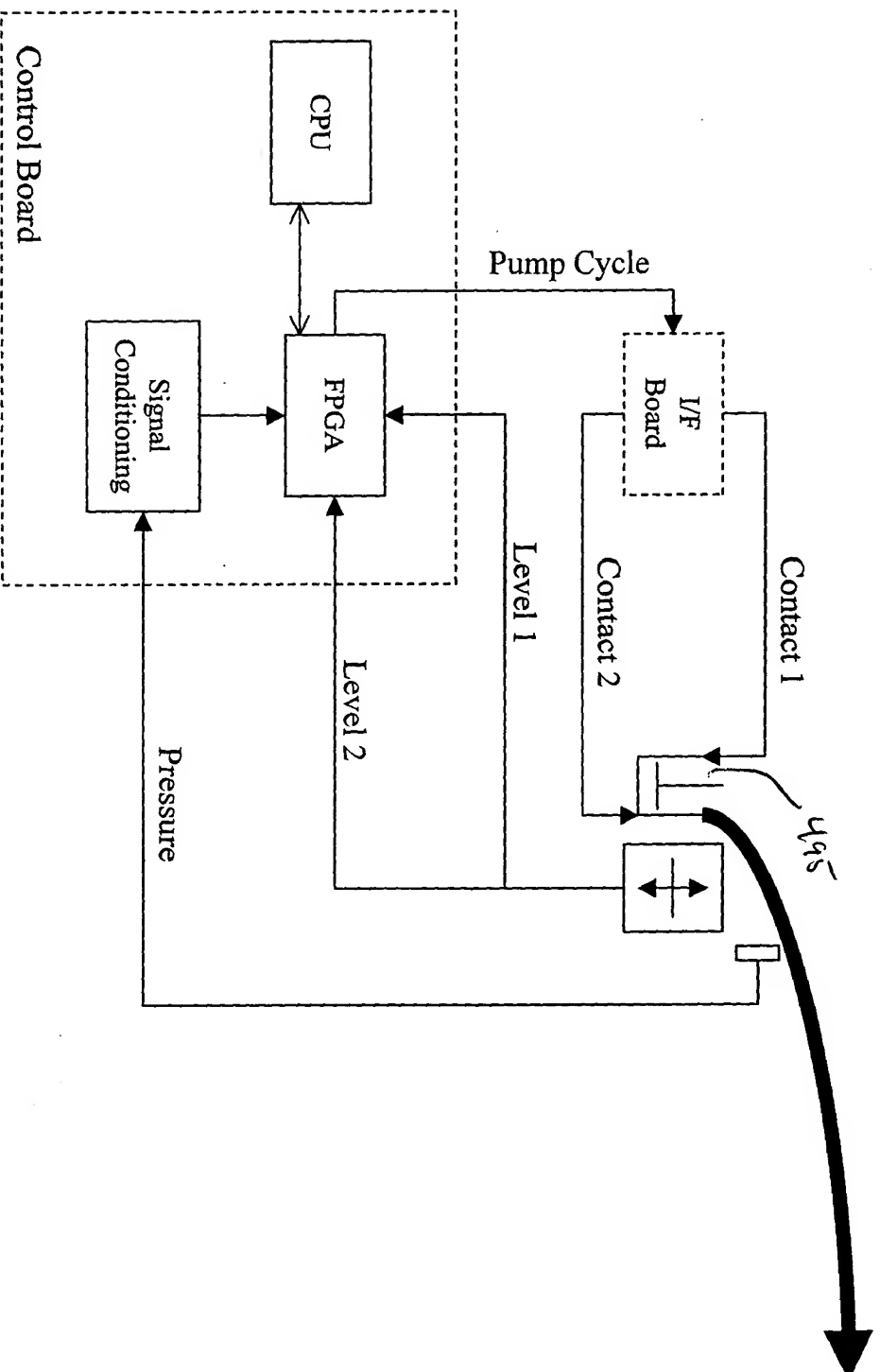
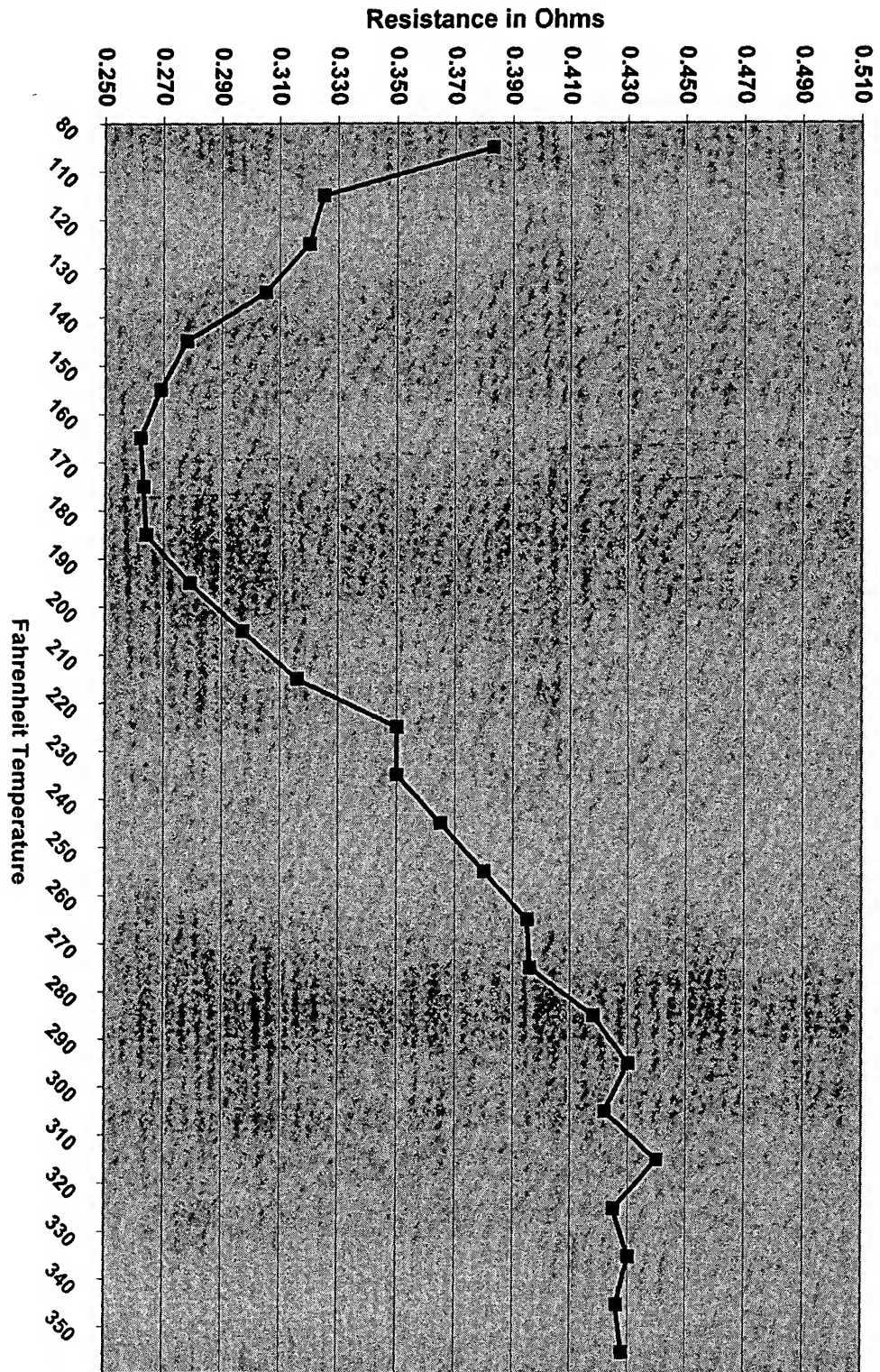


FIG. 196

FIG. 197



# Film Advance/Tension Motor Tach Ratio

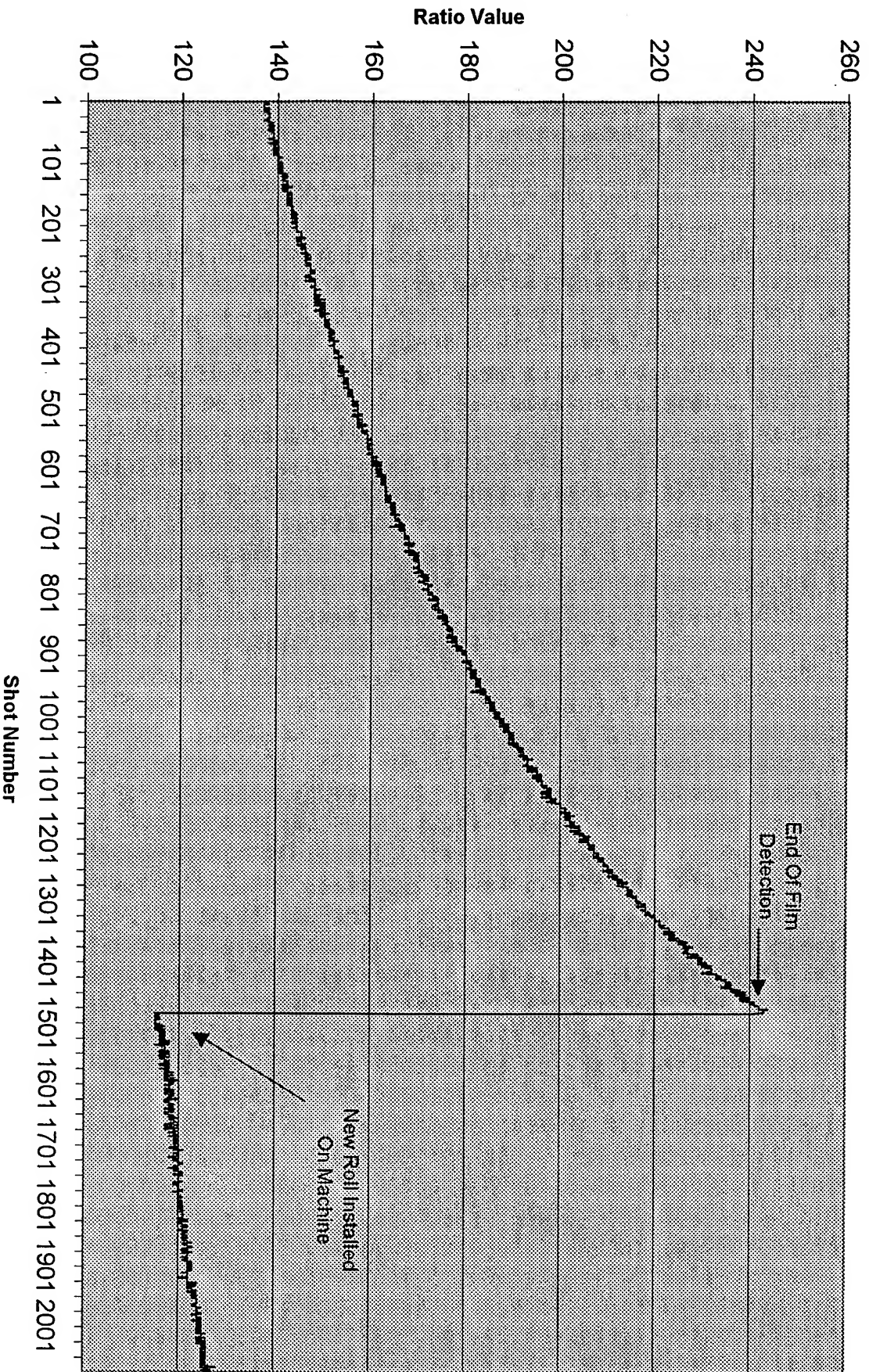


FIG. 198



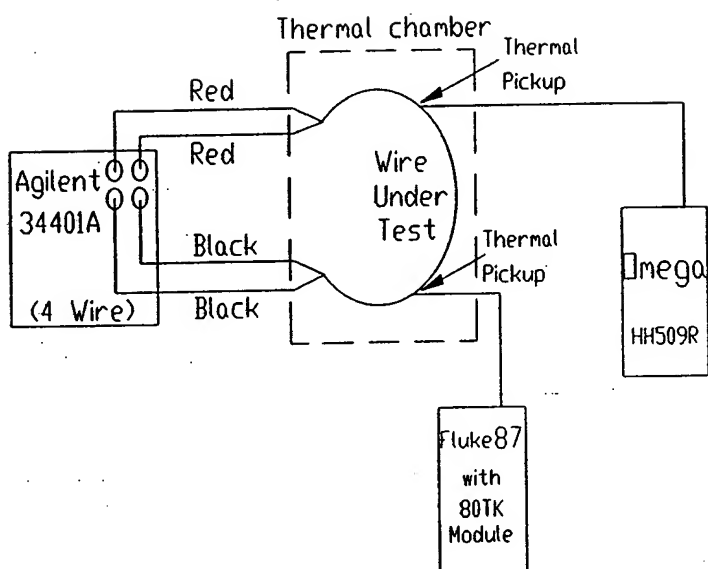


FIG. 199